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FISHERY STATISTICS OF THE UNITED STATES 1948

BY

A. W. ANDERSON and E. A. POWER

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Fishery Statistics of the United States and Alaska are compiled and published annually to make available information on both the economic and biological aspects of the domestic commercial fisheries.

Data on the economic aspects are necessary to persons engaged in the commercial fishery and to governmental agencies concerned with its regulation and protection. Those here given cover the total catch and value by species, the yield and value of manufactured products and byproducts, the employment of men, craft, and gear in the capture of fishery products; and related information.

From the biological standpoint these data are important to sound fishery management in providing detailed information on fluctuations in the commercial catch by species, locality and gear; and on the types of gear and boats operated. They assist conservation agencies in regulating the commercial fisheries so as to produce maximum yields without depletion.

Previous statistical reports on the fishery industries were issued under the Department of the Interior in the Administrative Report series for 1938 and in the Statistical Digest series for succeeding years. Reports for preceding years were issued in the Administrative Report series of the former Bureau of Fisheries.

The following is a listing of the various Statistical Digests issued since 1939:

No. 1 Fishery Statistics of the United States, 1939
2 Alaska Fishery and Fur Seal Industry, 1940
3 Propagation and Distribution of Food Fishes, Fiscal year, 1941
4 Fishery Statistics of the United States, 1940
5 Alaska Fishery and Fur Seal Industry, 1941
6 Propagation and Distribution of Food Fishes, 1941
7 Fishery Statistics of the United States, 1941
8 Alaska Fishery and Fur Seal Industry, 1942
9 Propagation and Distribution of Food Fishes, 1942
10 Alaska Fishery and Fur Seal Industry, 1943
11 Fishery Statistics of the United States, 1942
12 Propagation and Distribution of Food Fishes, 1943
13 Alaska Fishery and Fur Seal Industry, 1944
14 Fishery Statistics of the United States, 1943
15 Alaska Fishery and Fur Seal Industry, 1945
16 Fishery Statistics of the United States, 1944
17 Alaska Fishery and Fur Seal Industry, 1946
18 Fishery Statistics of the United States, 1945
19 Fishery Statistics of the United States, 1946
20 Alaska Fishery and Fur Seal Industry, 1947
21 Fishery Statistics of the United States, 1947
22 Fishery Statistics of the United States, 1948
23 Alaska Fishery and Fur Seal Industry, 1948

FISHERY STATISTICS OF THE UNITED STATES: 1948

By **A. W. ANDERSON**, *Chief Branch of Commercial Fisheries*

and **E. A. POWER**, *Chief, Statistical Section*

Fish and Wildlife Service

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INTRODUCTION

This report contains a review of the fishery statistics for the year 1948, collect by the Branch of Commercial Fisheries during 1949. They include data on the volume the catch of fishery products and their value, employment in the fisheries, quantity gear operated, the number of fishing craft employed in the capture of fishery product and certain information on the volume and value of the production of manufactured fishe products and byproducts.

Statistical surveys for the 1948 data were conducted in all sections except the Sou Atlantic and Mississippi River States. Statistics on the various fisheries were co lected by the following field agents: R. Cordon, B.E. Finley, F. Freeland, H. Haberlan C. H. Lyles, D. A. McKown, R. H. Marchant, C. B. Tendick, J. P. Wharton, R. H. Wils and F. M. Wood. The surveys in Washington and Oregon were supervised by F. C. Hinsdal Data for the Great Lakes were assembled by the staff of Dr. John Van Oosten of the Bran of Fishery Biology; and those for the fisheries of Alaska were collected by the Alas Branch of the Service.

Information on landings at Massachusetts ports was collected in cooperation with t Market News Section and the Branch of Fishery Biology. Statistics on the fisheries Alaska were collected and compiled by the Branch of Alaska Fisheries. Data on the Hawa ian Fisheries were furnished by the Division of Fish and Game, Board of Commissioners Agriculture and Forestry of the Territory of Hawaii.

The statistical surveys conducted during 1949, for 1948 data, were under the gene direction of E. A. Power, Chief, Statistical Section, assisted by C. E. Peterson, Stati tician. The work of assembling and preparing the data for publication was under the rection of B. E. Finley, Fishery Marketing Specialist. He was assisted by Elsie Englis Evelyn Hecht, Delia Ridge, Melissa Tinkey, Marion Davis and S. E. Feldman. Operation the tabulating unit was directed by Mabel Swart, assisted by Marie Voigt and Ade Marshall. G. I. Sundstrom prepared many of the illustrations contained in the report.

In assembling the data on the fisheries, all appropriate records collected by t various State fishery agencies were used. In the Great Lakes and the Pacific Coa States, these records were such that it was necessary for the Service personnel to co duct only partial surveys. Statistics on the imports and exports of fishery produc were furnished by the Bureau of the Census.

Grateful acknowledgment is extended to the State and Federal agencies and to t various individuals who cooperated in furnishing portions of the data contained in th volume.

SECTION 1.- GENERAL REVIEW

Surveys covering the catch of fish and shellfish for the year 1948 were made in all as of the United States and Alaska with the exception of the South Atlantic States, luding the West Coast of Florida, and the Mississippi River and its tributaries. The th Atlantic States were last canvassed in 1945, and detailed data published in shery Statistics of the United States, 1945' (Statistical Digest No. 18). The most ent data available for the Mississippi River and its tributaries are for 1931. In following tables, the most recent employment, operating unit, and catch statistics shown for each section of the country.

It is estimated that the 1948 catch of fishery products in all sections of the United tes and Alaska totaled 4,575 million pounds, valued at 367 million dollars to the hermen. This was an increase of 5 percent in poundage compared with the previous r. The 1948 catch was the most valuable in history, and showed a gain of 18 percent ve the former high year of 1946. Outstanding developments during the year were the ord landings of tuna and rosefish (ocean perch); the continued high production of haden; the noticeable gain of the Pacific Coast pilchard fishery, and the declines the catches of salmon and Atlantic and Pacific mackerel. The catch of menhaden off Atlantic Coast and Gulf States during 1948 broke all previous records with landings over 1 billion pounds valued at 11.7 million dollars. This represented an increase 4 percent in quantity but a decrease of 4 percent in value compared with 1947. The duction of tuna and tunalike fishes on the Pacific Coast set a new record during 8 with landings totaling over 325 million pounds. This catch exceeded by over 57 lion pounds the previous high year of 1947. This was the second consecutive year t the value of the catch of these fish exceeded that of salmon which is normally the t valuable species taken. The Atlantic Coast catch of rosefish (ocean perch) during 8 totaled over 238 million pounds -- an increase of almost 60 million pounds above former peak year of 1946. The Pacific Coast pilchard catch during 1948 amounted to r 373 million pounds -- a gain of slightly over 100 million pounds compared with the -level of the previous year. The United States and Alaska catch of salmon totaled .7 million pounds in 1948 -- a decline of 94 million pounds compared with 1947. The antic and Pacific mackerel fisheries each registered a drop in production of approxi- ely 7 million pounds compared with the previous year.

The per capita consumption of fishery products in the United States in 1948 totaled pounds, edible weight basis. Fresh and frozen fish contributed 6.3 pounds; canned h, 3.8 pounds, and cured fish .9 pounds. This was considerably above the wartime l of 9 pounds when a large portion of the canned pack was allocated to the armed es and to lend-lease distribution.

The total catch of fishery products in the United States, as based on the most re- surveys for each section through 1948, amounted to 4.564 million pounds, valued at 2 million dollars to the fishermen. The difference between these figures and the mated totals listed above are due to the inclusion of estimates on the 1948 landings the South Atlantic area, including the West Coast of Florida and for the Mississippi r and its tributaries. The following table, which contains recorded production for areas in which surveys were made for the years shown and estimates for other regions, cates the trend of the yield and value of the domestic catch during recent years.

Year	Pounds	Value to the fishermen	Average price per pound
1939	4,443,328,000	$96,532,000	2.17¢
1940	4,059,524,000	98,957,000	2.44
1941	1/ 4,900,000,000	1/129,000,000	2.63
1942	3,876,524,000	170,338,000	4.39
1943	4,202,000,000	204,000,000	4.85
1944	4,500,000,000	213,000,000	4.73
1945	4,575,500,000	269,900,000	5.82
1946	4,456,000,000	310,000,000	6.96
1947	4,344,000,000	307,600,000	7.08
1948	4,575,000,000	367,000,000	8.02

1/ Revised.

There were 1,184 vessels of 5 net tons and over documented as fishing craft in 1948. is was about 9 percent less than the number entering the fleet the previous year, but tween three and four times the number documented annually prior to 1940. In the four ars ending with 1948, a total of 4,310 vessels had been documented as fishing craft.

In 1940, the entire fleet in the United States and Alaska totaled only 5,562 vessel Despite the large increase in the size of the fleet, the annual catch has remained a most identical with the prewar production. This has been due largely to the low yiel of salmon in Alaska and pilchards in California.

Vessels obtaining their first documents as fishing craft, 1936 - 1948:

Year	Number	Year	Number
1936	1/ 435	1943	358
1937	335	1944	635
1938	1/ 376	1945	741
1939	357	1946	1,085
1940	320	1947	1,300
1941	354	1948	1,184
1942	358		

1/ Data are partly estimated.

San Pedro, California, maintained its position as the leading fishing center in United States during 1948 with landings totaling almost 481 million pounds. Th landings were valued at nearly 31 million dollars. Gloucester, Massachusetts was second place with landings of over 251 million pounds, valued at 11.2 million dolla while San Diego, California occupied third place with landings of 213 million pou valued at 37.4 million dollars.

It is estimated that the 1948 catch was marketed as follows: 1,663 million pou (round weight basis) as fresh and frozen products; 1,488 million pounds were used canning; 1,324 million pounds for bait and byproducts, and 100 million pounds for cu products.

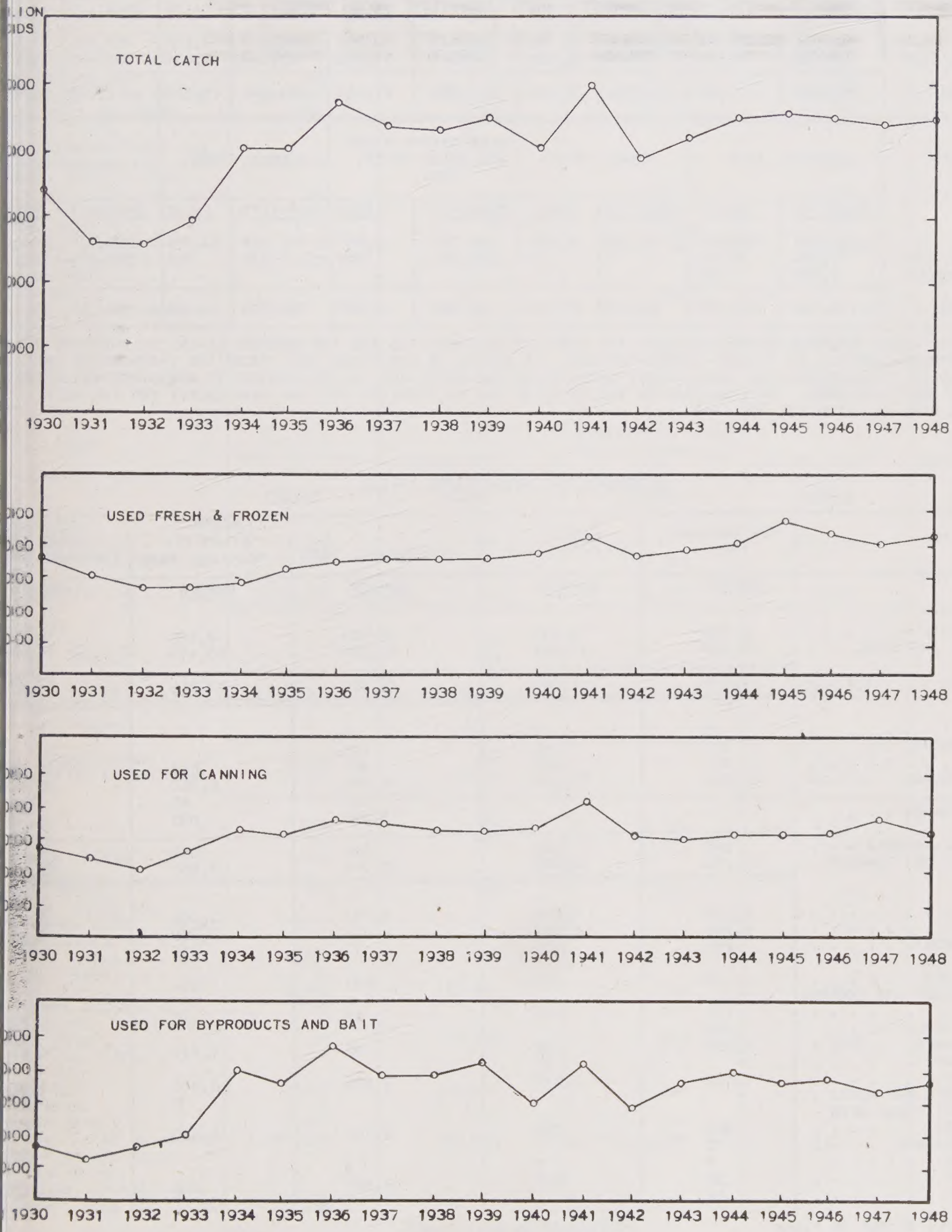
The 1948 production of canned fishery products in the United States and Ala amounted to 782.2 million pounds, valued at 336.2 million dollars at the processo level. The output of fishery byproducts was valued at 79.9 million dollars. The va of canned fishery products was the highest in history while that of byproducts was o slightly smaller than the high year of 1947.

A record total of almost 292 million pounds of fishery products was frozen dur 1948. This was over 45 million pounds above the 1947 production. Cold storage holdi of fish and shellfish on the first of each month averaged 1.6 million pounds above figures of the previous year.

The value of foreign trade in fishery products (imports and exports combined) by United States during 1948 amounted to over 181 million dollars. Of this amount, million dollars represented the value of products entered for consumption and 24 mill dollars the value of exports of domestic fishery products. The value of imports consumption was 42 percent above the previous year, while the value of exports decrea 54 percent. Imports increased in most categories, but the largest increases occur in imports of fresh and frozen groundfish fillets and shrimp; vitamin oils, and f scrap and meal. Exports of canned salmon and sardines were far less than in the p vious year.

A review of the fisheries of each geographical area will be found at the beginn of each section in this volume. Summaries of the more important specific fisher will be found in Section 12. Summarized data of the operating units and catch for areas have been previously published in Current Fishery Statistics No. 604.

DISPOSITION OF CATCH, 1930-1948



UNITED STATES AND ALASKA SUMMARIES

SUMMARY OF CATCH

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

PRODUCT	NEW ENGLAND, 1948 AREA XXII		MIDDLE ATLANTIC, 1948 AREA XXIII		CHESAPEAKE, 1948 AREA XXIII		SOUTH ATLANTIC, 1945 AREA XXIV		GULF, 1948 AND 1945 AREA XXV	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH.	939,334	46,344	456,118	12,147	259,672	10,261	339,577	9,514	260,566	11,62
SHELLFISH, ETC.	59,046	21,644	44,874	16,495	104,664	17,343	65,369	5,618	166,449	35,09
TOTAL . .	998,380	67,988	500,992	28,642	364,336	27,604	404,946	15,132	427,015	46,72

PRODUCT	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER AND TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALU
FISH.	1,056,987	105,532	83,952	12,688	44,062	2,257	559,464	30,979	3,999,732	241,3
SHELLFISH, ETC.	76,984	8,337	7	2	38,321	640	7,436	516	563,150	105,6
WHALE PRODUCTS.	1,178	149	-	-	-	-	-	-	1,178	1
TOTAL . .	1,135,149	114,018	83,959	12,690	82,383	2,897	566,900	31,495	4,564,060	347,1

NOTE: THE ROMAN NUMERALS APPEARING UNDER THE NAMES OF THE SECTIONS ARE THE NUMBERS GIVEN THE AREAS BY THE NORTH AMERICAN COUNCIL ON FISHERY INVESTIGATIONS. IT SHOULD BE EXPLAINED THAT THERE ARE INCLUDED IN THE OPERATING UNIT TABLES FOR THE AREAS, CRAFT WHOSE PRINCIPAL PORTS ARE IN THE RESPECTIVE AREAS BUT WHICH MAY AT TIMES FISH ELSEWHERE. DATA CONCERNING THE CATCH OF THE GULF STATES ARE FOR 1948 EXCEPT FOR THE WEST COAST OF FLORIDA WHICH ARE FOR 1945.

SUMMARY OF OPERATING UNITS

ITEM	NEW ENGLAND, 1948	MIDDLE ATLANTIC, 1948	CHESAPEAKE, 1948	SOUTH ATLANTIC, 1945 AND 1940	GULF, 1948 AND 194
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	6,384	4,016	2,093	2,455	5,74
ON BOATS AND SHORE. . .	18,490	11,646	17,897	10,414	15,37
TOTAL	24,874	15,662	19,990	12,869	21,12
VESSELS:					
STEAM	3	1	3	-	-
NET TONNAGE	117	46	175	-	-
MOTOR	937	628	364	614	1,83
NET TONNAGE	31,163	13,382	4,744	6,960	28,87
SAIL.	-	-	99	45	4
NET TONNAGE	-	-	1,095	595	4
TOTAL VESSELS . . .	940	629	466	659	1,84
TOTAL NET TONNAGE .	31,280	13,428	6,014	7,555	28,92
BOATS:					
MOTOR	8,035	5,558	8,713	3,096	6,55
OTHER	5,141	1,547	4,974	2,860	3,71
ACCESSORY BOATS	251	182	72	236	15
APPARATUS:					
HAUL SEINES	72	171	611	514	19
PURSE SEINES AND LAMPARA NETS	111	119	18	45	34
STOP SEINES	145	-	-	-	-
OTTER TRAWLS.	1,070	305	58	1,119	5,47
BEAM TRAWLS	-	21	-	-	-
GILL NETS	1,556	1,512	2,079	3,940	1,92
TRAMMEL AND BAR NETS. .	-	-	-	8	847
POUND NETS, TRAP NETS AND WEIRS.	292	325	2,107	2,520	-
FLOATING TRAPS.	72	-	-	-	-
STOP NETS	7	5	3	-	-
FYKE NETS	36	868	1,921	-	-
BAG NETS.	44	-	-	353	146
			-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS - Continued

ITEM	NEW ENGLAND, 1948	MIDDLE ATLANTIC, 1948	CHESAPEAKE, 1948	SOUTH ATLANTIC, 1945 AND 1940	GULF, 1948 AND 1940
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ARATUS-CONTINUED:					
THER NETS 2/	400	74	1,211	309	5,612
OOKS,BAITS OR SNOODS.	1,313,687	391,363	1,127,731	866,620	730,874
EL POTS AND TRAPS	1,843	3,194	27,492	535	20
RUSH TRAPS.	-	-	-	-	93,500
OBSTER, NORTHERN AND SPINY, POTS AND TRAPS	598,425	18,913	-	5,900	3,000
RAB, CRAYFISH AND TURTLE, POTS AND TRAPS	762	480	67,146	7,330	3,288
LAM DREDGES	40	93	-	-	6
RAB DREDGES	-	71	348	-	-
YSTER DREDGES	56	392	746	349	391
CALLOP DREDGES.	4,427	84	-	-	72
THER DREDGES.	-	-	9	-	-
CRAPES.	-	-	514	-	-
ONGS, RAKES, SHOVELS, HOES, FORKS, PICKS AND GRABS	6,364	10,996	8,453	647	2,230
IVING OUTFITS	-	-	-	-	67
THER APPARATUS 4/	314	23,169	3,563	10,906	771

ITEM	PACIFIC 1948 AND 1947	LAKES, 1940	MISSISSIPPI RIVER AND TRIBUTARIES, 1931	ALASKA, 1948	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ERMEN:					
N VESSELS.	14,242	1,694	-	1/12,371	49,001
N BOATS AND SHORE.	15,842	3,448	15,884	-	109,000
TOTAL	30,084	5,142	15,884	12,371	158,001
SELS:					
TEAM	-	30	-	-	37
NET TONNAGE	-	646	-	-	984
TOR	2,858	469	-	1,740	9,447
NET TONNAGE	73,181	5,427	-	23,232	186,964
IL.	-	-	-	-	148
NET TONNAGE	-	-	-	-	1,739
TOTAL VESSELS	2,858	499	-	1,740	9,632
TOTAL NET TONNAGE	73,181	6,073	-	23,232	189,687
S:					
TOR	7,081	1,186	4,426	2,439	47,090
HER	753	599	10,120	2,003	31,707
SSORY BOATS	1,076	-	-	-	1,968
RATUS:					
UL SEINES	188	169	1,013	148	3,084
RSE SEINES AND AMPARA NETS	910	-	-	742	1,979
OP SEINES	-	-	-	-	145
TER TRAWLS.	380	-	-	11	8,419
EAM TRAWLS	28	-	-	11	60
ILL NETS	8,195	106,031	101	5,080	130,419
AMMEL AND BAR NETS.	89	75	518	-	1,537
OUND NETS, TRAP NETS AND WEIRS.	55	8,336	374	399	14,408
LOATING TRAPS.	-	-	-	-	72
TOP NETS	-	-	-	-	15
YKE NETS	2,419	1,787	32,541	-	40,071
AG NETS.	2	-	-	-	46
THER NETS 2/	2,797	-	191	-	10,594
OOKS, BAITS OR SNOODS	1,182,554	615,839	2,459,179	(3)	8,687,847
EL POTS AND TRAPS.	-	-	-	-	33,084
RUSH TRAPS	-	-	-	-	93,500
OBSTER, NORTHERN AND SPINY, POTS AND TRAPS	7,918	-	-	-	634,156

FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

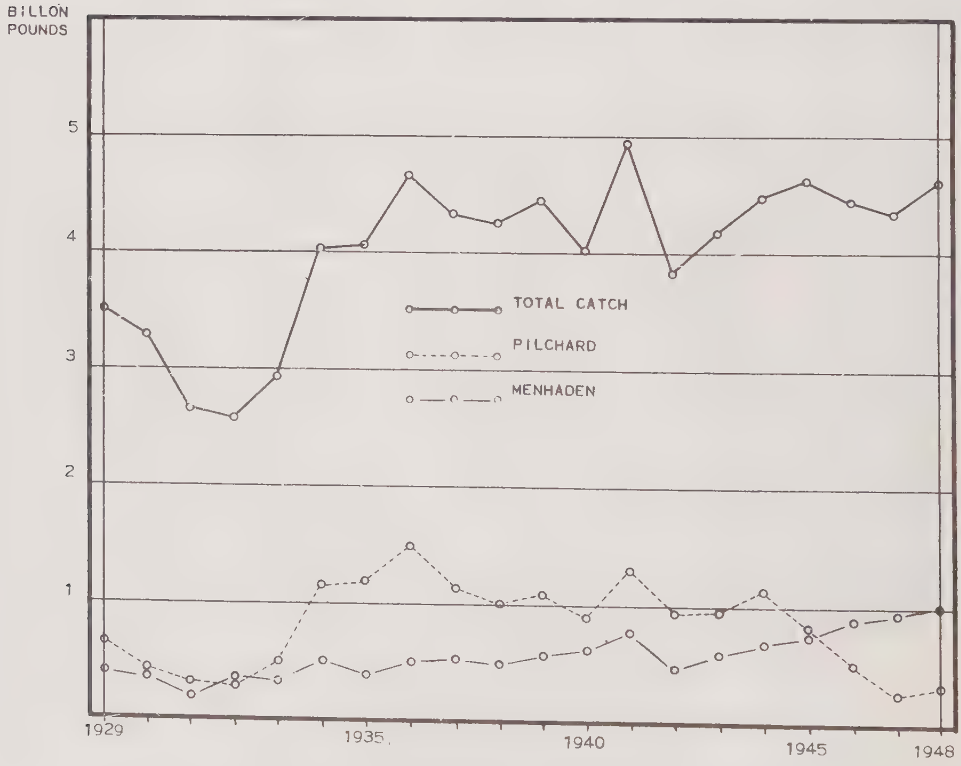
SUMMARY OF OPERATING UNITS - Continued

ITEM	PACIFIC 1948 AND 1947	LAKES, 1940	MISSISSIPPI RIVER AND TRIBUTARIES, 1931	ALASKA, 1948	TOTAL, VARIOUS YE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMB
APPARATUS -CONTINUED:					
CRAB, CRAYFISH AND TURTLE POTS AND TRAPS	89,026	700	456	2,097	171,
CLAM DREDGES	-	-	-	-	
CRAB DREDGES	-	-	-	-	
MUSSEL DREDGES	-	-	440	-	
OYSTER DREDGES	55	-	-	-	1,
SCALLOP DREDGES. . . .	-	-	-	-	4,
OTHER DREDGES.	-	-	-	-	
SCRAPES.	-	-	-	-	
TONGS, RAKES, SHOVELS, HOES, FORKS, PICKS AND GRABS	3,989	13	3,994	-	36,
DIVING OUTFITS	58	-	-	-	
CROWFOOT BARS.	-	22	4,480	-	4,
OTHER APPARATUS 4/ . .	762	-	3,781	2	43,

1/ INCLUDES PERSONS IN BOAT AND SHORE FISHERIES.
2/ INCLUDES CAST, DIP, REEF AND BRAIL OR SCOOP NETS.
3/ NUMBER NOT DETERMINED.
4/ INCLUDES FISH, PERIWINKLE AND COCKLE, AND CONCH POTS; HARPOONS, SPEARS, BOX TRAPS, SLAT TRAPS, SHRIMP AN OCTOPUS TRAPS, TANGLE NETS, LOBSTER HOOKS, SPONGE HOOKS AND COQUINA SCOOPS.

NOTE: STATISTICS ON THE OPERATING UNITS OF THE SOUTH ATLANTIC STATES ARE FOR 1945, EXCEPT FOR THE EAST COAS OF FLORIDA WHICH ARE FOR 1940; THOSE FOR THE GULF STATES ARE FOR 1948, EXCEPT FOR THE WEST COAST OF FLORIDA WHICH ARE FOR 1940; AND THOSE FOR THE PACIFIC COAST STATES ARE FOR 1948, EXCEPT FOR CALIFORNIA WHICH ARE FOR 1947.

UNITED STATES AND ALASKA CATCH, 1929 - 1948



UNITED STATES AND ALASKA: CATCH BY REGION

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948		SOUTH ATLANTIC, 1945		GULF, 1948 AND 1945	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
IVES	3,408	32	309	9	23,085	474	8,450	185	-	-
RJACK	-	-	3	(1)	-	-	108	3	268	16
ERFISH	52	1	12	1	2	(1)	-	-	-	-
ACUDA	-	-	-	-	-	-	40	2	5	1
FISH	40	12	857	246	403	52	1,912	304	564	80
PIKE	-	-	-	-	(1)	(1)	-	-	-	-
RUNNER OR										
RDTAIL	-	-	-	-	-	-	91	6	1,960	116
IN	-	-	-	-	1	(1)	-	-	-	-
ALOFISH	-	-	-	-	-	-	-	-	76	6
ERFISH	2,908	293	2,195	277	1,563	91	57	4	-	-
O OR CRAB EATER	-	-	-	-	-	-	33	2	90	11
	24	2	199	14	1,366	69	882	27	1	(1)
FISH AND BULLHEADS	2	(1)	73	7	2,122	147	10,890	1,141	128	33
ARFISH	-	-	-	-	-	-	-	-	55	3
	68,251	4,303	3,028	436	68	3	-	-	-	-
PPIE	-	-	-	-	8	(1)	933	205	-	-
WALLE	-	-	-	-	-	-	122	6	420	34
AKER	-	-	371	54	25,369	2,927	4,472	366	250	17
NER	14	(1)	-	-	-	-	-	-	-	-
K	3,213	145	-	-	-	-	-	-	-	-
PHIN	-	-	(1)	(1)	-	-	80	8	3	(1)
M:										
LACK	-	-	26	1	166	10	679	49	1,322	107
ED OR REDFISH	-	-	-	-	35	3	1,043	117	2,379	388
S:										
OMMON	108	18	341	54	1,282	161	181	8	-	-
ONGER	43	2	33	1	25	1	-	-	-	-
NDERS	71,834	7,391	9,983	1,447	2,354	291	2,086	243	879	149
ATE MACKEREL	12	1	75	3	-	-	-	-	-	-
SH	-	-	-	-	-	-	-	-	11	(1)
ZARD SHAD	-	-	21	1	150	3	558	11	-	-
FISH	55	1	3	(1)	-	-	-	-	-	-
PERS	-	-	-	-	-	-	1,417	138	7,574	905
NTS	-	-	-	-	-	-	76	5	112	7
OCK	154,607	12,236	1,768	212	(1)	(1)	-	-	-	-
:										
D	5,969	83	979	24	3	(1)	-	-	-	-
ITE	15,618	656	175	14	99	4	4	(1)	-	-
BUT	477	111	4	1	(1)	(1)	-	-	-	-
ESTFISH "OR										
TARFISH"	-	-	-	-	674	38	812	49	17	1
ING, SEA	192,091	3,741	1,700	51	298	6	-	-	-	-
ORY SHAD	1	(1)	4	(1)	100	5	968	76	1	(1)
HOKER	-	-	-	-	6	(1)	-	-	-	-
ISH	-	-	-	-	-	-	15	1	-	-
ISH	-	-	-	-	(1)	(1)	217	30	219	12
MACKEREL	-	-	19	1	-	-	2,780	396	1,119	180
WHITING OR										
INGFISH"	7	1	79	7	475	37	3,287	144	743	62
FISH	-	-	-	-	(1)	(1)	-	-	-	-
CE	75	3	-	-	-	-	-	-	-	-
KEREL	40,783	2,734	7,797	743	2,480	217	-	-	-	-
IN	(1)	(1)	-	-	-	-	-	-	-	-
HADEN	1,216	14	389,188	4,823	151,932	1,577	256,279	1,714	192,097	2,510
NOWS	179	6	-	-	-	-	-	-	-	-
JARRA	-	-	-	-	-	-	-	-	183	11
LET	-	-	67	2	61	5	11,958	963	28,482	3,330
TONFISH	-	-	-	-	-	-	208	37	5	1
EAN POUT	6	(1)	-	-	-	-	-	-	-	-
DDLEFISH OR										
SPOONBILL CAT	-	-	-	-	-	-	-	-	6	1
RMIT	-	-	-	-	-	-	1	(1)	-	-
GFISH	-	-	-	-	39	2	523	37	115	7
KE OR PICKEREL	-	-	-	-	23	5	-	-	-	-
NFISH	-	-	-	-	-	-	13	(1)	130	8
LLOCK	37,757	1,375	101	8	-	-	-	-	-	-
MPANO	-	-	-	-	3	1	356	136	436	205
SEFISH (OCEAN PERCH)	238,095	9,647	-	-	1	(1)	-	-	-	-
DDERFISH	-	-	-	-	(1)	(1)	-	-	-	-

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UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948		SOUTH ATLANTIC, 1945		GULF, 1948 AND 194	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VAL
SALMON, ATLANTIC . . .	(1)	(1)	-	-	-	-	-	-	-	-
SAND PERCH	-	-	-	-	65	2	-	-	-	-
SCUP OR PORGY.	7,554	377	14,579	785	8,724	611	113	9	-	-
SEA BASS, BLACK (ATLANTIC)	388	60	7,144	1,044	7,530	683	455	67	-	-
SEA CATFISH.	-	-	-	-	-	-	11	1	878	
SEA ROBIN.	158	4	13	(1)	30	1	-	-	-	-
SEA TROUT OR WEAKFISH:										
GRAY	256	32	4,948	648	12,963	886	4,770	529	-	-
SPOTTED.	-	-	-	-	89	13	1,580	307	4,687	9
WHITE.	-	-	-	-	-	-	-	-	821	
SHAD	661	91	3,299	584	4,210	683	2,065	423	-	-
SHARKS	155	6	59	2	404	16	2,029	32	1	(1
SHEEPSHEAD:										
FRESH-WATER.	-	-	-	-	-	-	162	13	3	(1
SALT-WATER	-	-	-	-	1	(1)	13	1	790	
SILVERSIDES.	3	(1)	253	15	-	-	-	-	-	-
SKATES	163	5	39	1	5	(1)	-	-	-	-
SMELT.	549	139	(1)	(1)	-	-	-	-	-	-
SNAPPER:										
MANGROVE	-	-	-	-	(1)	(1)	113	15	102	
RED.	-	-	-	-	-	-	251	55	6,216	1,3
SNOOK OR SERGEANTFISH.	-	-	-	-	-	-	205	27	307	
SPANISH MACKEREL . . .	-	-	-	-	33	5	5,979	720	6,064	7
SPOT	2	(1)	72	10	4,070	239	7,510	399	316	
STRIPED BASS	151	27	758	205	5,102	821	609	121	-	-
STURGEON, COMMON . . .	22	3	27	7	42	10	42	15	9	
SUCKERS.	25	2	35	1	12	1	7	(1)	-	-
SUNFISH.	-	-	2	(1)	2	(1)	1,255	239	-	-
SWELLFISH.	90	2	1,137	56	104	4	(1)	(1)	-	-
SWORDFISH.	941	376	45	25	-	-	-	-	-	-
TAUTOG	239	19	53	2	22	2	-	-	-	-
TENPOUNDER	-	-	-	-	-	-	-	-	625	
TILEFISH	397	31	616	62	12	1	-	-	-	-
TOMCOD	-	-	(1)	(1)	3	(1)	-	-	-	-
TRIPLETAIL	-	-	-	-	-	-	41	3	33	
TUNA AND TUNALIKE FISHES:										
BLUEFIN.	2,878	195	119	19	-	-	-	-	-	-
BONITO	4	1	38	6	33	3	60	5	-	-
LITTLE	-	-	586	59	16	1	-	-	-	-
TOTAL TUNA. . . .	2,882	196	743	84	49	4	60	5	-	-
WHITEBAIT.	-	-	11	3	-	-	-	-	-	-
WHITE PERCH.	5	1	126	11	1,635	117	500	61	-	-
WHITING.	80,468	1,817	1,655	100	41	1	-	-	-	-
WOLFFISH	2,177	144	193	12	-	-	-	-	-	-
YELLOW PERCH	-	-	23	1	220	29	10	2	-	-
YELLOW PIKE.	-	-	-	-	(1)	(1)	-	-	-	-
YELLOWTAIL, ATLANTIC .	-	-	-	-	-	-	266	57	64	
UNCLASSIFIED	5,203	204	878	52	111	3	-	-	-	-
TOTAL	939,334	46,344	456,118	12,147	259,672	10,261	339,577	9,514	260,566	11,62
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	3	1	2,134	254	63,314	3,665	17,018	588	30,603	1,09
SOFT AND PEELERS .	1	(1)	11	4	4,633	930	186	56	881	44
ROCK	1,242	84	-	-	-	-	-	-	-	-
STONE.	-	-	-	-	-	-	80	21	81	2
HORSESHOE CRAB	-	-	940	4	-	-	-	-	-	-
LOBSTERS:										
NORTHERN	20,226	8,396	759	331	2	1	-	-	-	-
SPINY.	-	-	-	-	-	-	573	116	205	
SHRIMP	27	3	100	50	-	-	43,581	3,984	119,590	25,1

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UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948		SOUTH ATLANTIC, 1945		GULF, 1948 AND 1945	
SHELLFISH, ETC. CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
S:										
QUINA.	-	-	-	-	-	-	-	-	54	13
IRD	5,316	1,662	11,435	4,090	1,767	884	506	153	688	172
EAN QUAHOG	239	15	-	-	-	-	-	-	-	-
ZOR.	44	6	-	-	-	-	-	-	-	-
IFT	10,161	2,206	3,473	639	-	-	-	-	-	-
IRF	13	4	3,698	389	-	-	-	-	-	-
TOTAL CLAMS	15,773	3,893	18,606	5,118	1,767	884	506	153	742	185
HS	136	15	234	51	90	8	4	1	15	4
TELS, SEA	156	18	267	63	-	-	43	5	-	-
TERS, MARKET:										
STERN, PUBLIC.	88	37	1,638	645	18,188	6,205	1,822	423	9,374	3,239
TERN, PRIVATE	1,564	845	14,152	7,549	16,215	5,580	1,000	221	4,557	1,900
TOTAL OYSTERS	1,652	882	15,790	8,194	34,403	11,785	2,822	644	13,931	5,139
WINKLES AND COCKLES	50	11	-	-	-	-	-	-	-	-
LOPS:										
Y.	1,804	1,243	44	52	-	-	22	8	108	60
A.	12,483	6,519	4,153	2,201	(1)	(1)	-	-	-	-
D.	2,576	167	1,835	173	144	10	2	(1)	3	(1)
URCHINS.	180	4	-	-	-	-	-	-	-	-
RAPIN, DIAMOND-BACK	-	-	-	-	164	41	16	8	-	-
TLES.	-	-	1	(1)	147	19	256	21	23	3
SH MOSS	2,084	39	-	-	-	-	-	-	-	-
KWEED	-	-	-	-	-	-	260	13	-	-
NGES.	-	-	-	-	-	-	-	-	267	3,004
WORMS	568	305	-	-	-	-	-	-	-	-
WORMS.	85	64	-	-	-	-	-	-	-	-
TOTAL	59,046	21,644	44,874	16,495	104,664	17,343	65,369	5,618	166,449	35,096
GRAND TOTAL	998,380	67,988	500,992	28,642	364,336	27,604	404,946	15,132	427,015	46,721

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
VES	-	-	-	-	-	-	-	-	35,252	700
RJACK.	-	-	-	-	-	-	-	-	379	19
OVIES.	11,011	356	-	-	-	-	-	-	11,011	356
ERFISH	-	-	-	-	-	-	-	-	66	2
CUDA.	2,126	329	-	-	-	-	-	-	2,171	332
BASS	-	-	-	-	14	2	-	-	14	2
ISH	-	-	-	-	-	-	-	-	3,776	694
PIKE.	-	-	9,122	1,218	-	-	-	-	9,122	1,218
RUNNER OR ARDTAIL	-	-	-	-	-	-	-	-	2,051	122
N	-	-	18	1	429	9	-	-	448	10
ALOFISH.	-	-	5	1	15,772	687	-	-	15,853	694
BOT	-	-	675	17	-	-	-	-	675	17
TERFISH	-	-	-	-	-	-	-	-	6,723	665
EZONE	8	1	-	-	-	-	-	-	8	1
O OR CRAB EATER.	-	-	-	-	-	-	-	-	123	13
RILLA	231	34	-	-	-	-	-	-	231	34
P	421	22	4,177	189	11,892	455	-	-	18,962	778
FISH AND BULLHEADS.	275	50	1,282	244	10,267	878	-	-	25,039	2,500
B	-	-	6,298	1,257	-	-	-	-	6,298	1,257
ARFISH.	-	-	-	-	-	-	-	-	55	3
CO.	-	-	263	76	-	-	-	-	263	76
	6,323	259	-	-	-	-	2,338	74	80,008	5,075
PPIE.	-	-	-	-	41	3	-	-	982	208
VALLE	-	-	-	-	-	-	-	-	542	40
AKER.	-	-	-	-	-	-	-	-	30,462	3,364
NER	-	-	-	-	-	-	-	-	14	(1)

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UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALU
CUSK	-	-	-	-	-	-	-	-	3,213	1
DOLLY VARDEN TROUT	-	-	-	-	-	-	42	6	42	
DOLPHIN	-	-	-	-	-	-	-	-	83	
DRUM:										
BLACK	-	-	-	-	-	-	-	-	2,193	1
RED OR REDFISH	-	-	-	-	-	-	-	-	3,457	5
EELS:										
COMMON	-	-	17	2	7	1	-	-	1,936	2
CONGER	-	-	-	-	-	-	-	-	101	
FLOUNDERS	51,540	2,970	-	-	-	-	248	7	138,924	12,4
FLYING FISH	71	5	-	-	-	-	-	-	71	
FRIGATE MACKEREL	-	-	-	-	-	-	-	-	87	
GARFISH	-	-	-	-	72	1	-	-	83	
GIZZARD SHAD	-	-	28	1	-	-	-	-	757	
GOLDFISH	-	-	120	6	-	-	-	-	120	
GRAYFISH	17,163	1,154	-	-	-	-	-	-	17,221	1,1
GROUPERS	355	60	-	-	-	-	-	-	9,346	1,1
GRUNTS	-	-	-	-	-	-	-	-	188	
HADDOCK	-	-	-	-	-	-	-	-	156,375	12,4
HAKE:										
RED	-	-	-	-	-	-	-	-	6,951	1
WHITE	-	-	-	-	-	-	-	-	15,896	6
PACIFIC	245	4	-	-	-	-	-	-	245	
HALIBUT	14,007	2,697	-	-	-	-	34,961	5,095	49,449	7,9
HARDHEADS	24	7	-	-	-	-	-	-	24	
HARVESTFISH OR STARFISH	-	-	-	-	-	-	-	-	1,503	
HERRING:										
LAKE	-	-	24,371	1,176	-	-	-	-	24,371	1,1
SEA	8,594	181	-	-	-	-	174,450	1,853	377,133	5,8
HICKORY SHAD	-	-	-	-	-	-	-	-	1,074	
HOGCHOKER	-	-	-	-	-	-	-	-	6	(1)
HOGFISH	-	-	-	-	-	-	-	-	15	
JACK MACKEREL	72,898	2,136	-	-	-	-	-	-	72,898	2,1
JEWFISH	-	-	-	-	-	-	-	-	436	
KINGFISH (CALIFORNIA)	643	38	-	-	-	-	-	-	643	
KING MACKEREL	-	-	-	-	-	-	-	-	3,918	5
KING WHITING OR "KINGFISH"	-	-		-	-	-	-	-	4,591	2
LADYFISH	-	-	-	-	-	-	-	-	(1)	(1)
LAKE TROUT	-	-	4,155	1,753	-	-	-	-	4,155	1,7
LAMPREY	232	6	-	-	-	-	-	-	232	
LAUNCE	-	-	-	-	-	-	-	-	75	
LINGCOD	10,669	1,352	-	-	-	-	89	8	10,758	1,3
MACKEREL	39,387	1,381	-	-	-	-	-	-	90,447	5,0
MARLIN	-	-	-	-	-	-	-	-	(1)	(1)
MENHADEN	-	-	-	-	-	-	-	-	990,712	10,6
MINNOWS	-	-	-	-	1	(1)	-	-	180	
MOJARRA	-	-	-	-	-	-	-	-	183	
MOONEYE	-	-	7	(1)	3	(1)	-	-	10	(1)
MULLET	45	4	-	-	-	-	-	-	40,613	4,3
MUTTONFISH	-	-	-	-	-	-	-	-	213	
OCEAN POUT	-	-	-	-	-	-	-	-	6	(1)
PADDLEFISH OR SPOON-BILL CAT	-	-	-	-	951	43	-	-	957	
PERCH	443	62	-	-	-	-	-	-	443	
PERMIT	-	-	-	-	-	-	-	-	1	(1)
PIGFISH	-	-	-	-	-	-	-	-	677	
PIKE OR PICKEREL	-	-	176	19	5	1	-	-	204	
PILCHARD	373,159	11,010	-	-	-	-	-	-	373,159	11,0
PINFISH	-	-	-	-	-	-	-	-	143	
POLLOCK	-	-	-	-	-	-	-	-	37,858	1,3
POMPANO	161	43	-	-	-	-	-	-	956	3
QUILLBACK	-	-	-	-	268	11	-	-	268	1
RATFISH	1,271	12	-	-	-	-	-	-	1,271	1
ROCK BASS	164	23	47	5	-	-	-	-	211	
ROCKFISHES	22,093	1,075	-	-	-	-	71	2	22,164	1,0
ROSEFISH (OCEAN PERCH)	-	-	-	-	-	-	-	-	238,096	9,6
RUDDERFISH	-	-	-	-	-	-	-	-	(1)	(1)
SABLEFISH	5,650	768	-	-	-	-	6,512	708	12,162	1,4
SALMON:										
ATLANTIC	-	-	-	-	-	-	-	-	(1)	(1)
CHINOOK OR KING	32,499	7,734	-	-	-	-	13,559	2,119	46,058	9,8
CHUM OR KETA	12,209	2,037	-	-	-	-	66,626	3,551	78,835	5,5

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UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
ISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
, CONTINUED:										
	1	(1)	-	-	-	-	113,408	7,115	113,409	7,115
OR SOCKEYE	6,562	1,990	-	-	-	-	117,924	7,533	124,486	9,523
ER OR COHO	14,109	3,324	-	-	-	-	26,853	2,826	40,962	6,150
TOTAL SALMON	65,380	15,085	-	-	-	-	338,370	23,144	403,750	38,229
PERCH	-	-	-	-	-	-	-	-	65	2
R	-	-	326	54	3	(1)	-	-	329	54
IN.	155	27	-	-	-	-	-	-	155	27
OR PORGY.	-	-	-	-	-	-	-	-	30,970	1,782
ASS:										
K (ATLANTIC)	-	-	-	-	-	-	-	-	15,517	1,854
CK (PACIFIC).	188	31	-	-	-	-	-	-	188	31
TE.	1,114	268	-	-	-	-	-	-	1,114	266
ATFISH.	-	-	-	-	-	-	-	-	889	68
OBIN.	-	-	-	-	-	-	-	-	201	5
ROUT OR WEAKFISH:										
Y	-	-	-	-	-	-	-	-	22,937	2,095
TTED.	-	-	-	-	-	-	-	-	6,356	1,289
TE.	-	-	-	-	-	-	-	-	821	73
	1,614	103	-	-	-	-	-	-	11,849	1,884
S	2/3,845	2/1,954	-	-	-	-	1,985	36	8,478	2,046
SHEAD:										
SH-WATER.	-	-	3,737	187	3,905	143	-	-	7,807	343
IT-WATER	100	8	-	-	-	-	-	-	904	68
RSIDES.	-	-	-	-	-	-	-	-	256	15
S	688	4	-	-	-	-	266	1	1,161	11
	5,345	329	1,133	178	-	-	-		7,027	646
ER:										
CROVE	-	-	-	-	-	-	-	-	215	27
	-	-	-	-	-	-	-	-	6,467	1,407
. OR SERGEANTFISH.	-	-	-	-	-	-	-	-	512	64
SH MACKEREL	24	2	-	-	-	-	-	-	12,100	1,5 5
TAIL.	1	(1)	-	-	-	-	-		1	(1)
	-	-	-	-	-	-	-	-	11,970	668
HEAD TROUT.	1,541	265	-	-	-	-	(1)	(1)	1,541	265
ED BASS	117	12	-	-	-	-	-	-	6,737	1,186
ON:										
ION	625	124	24	25	-	-		-	791	186
ELNOSE	-	-	-	-	87	8	-	-	87	8
RS.	3	(1)	3,776	207	315	13	-	-	4,173	224
H.	-	-	13	1	22	1	-		1,294	241
ISH.	-	-	-		-	-	-	-	1,331	62
ISH.	1,114	354	-	-	-	-	-	-	2,100	755
	-	-	-	-	-	-	-	-	314	23
NDER	-	-	-	-	-	-	-	-	625	34
SH	-	-	-	-	-	-	-	-	1,025	94
	-	-	-	-	-	-	-	-	3	(1)
TAIL	-	-	-	-	-	-	-	-	74	7
EE	-	-	1,106	104	-	-	-	-	1,106	104
ND TUNALIKE SHES:										
CORE	49,361	14,627	-	-	-	-	132	32	49,493	14,659
FIN.	6,529	1,096	-	-	-	-	-	-	9,526	1,310
TO	9,135	1,062	-	-	-	-	-	-	9,270	1,077
LE	-	-	-	-	-	-	-	-	602	60
PACK	60,554	9,534	-	-	-	-	-	-	60,554	9,534
LOWFIN.	199,427	33,406	-	-	-	-	-	-	199,427	33,406
TOTAL TUNA.	325,006	59,725	-	-	-	-	132	32	328,872	60,046
BAIT.	222	24	-	-	-	-	-	-	233	27
BASS	-	-	499	86	3	(1)	-	-	502	86
FISH:										
MMON	-	-	12,250	3,784	-	-		-	12,250	3,784
NOMINEE.	-	-	160	25	-	-	-	-	160	25
AN.	42	5	-	-	-	-	-	-	42	5
E PERCH.	-	-	-	-	-	-	-	-	2,266	190
NG.	-	-	-	-	-	-	-	-	82,164	1,918
FISH	-	-	-	-	-	-	-	-	2,370	156

FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALU
YELLOW PERCH	-	-	4,919	755	-	-	-	-	5,172	7
YELLOW PIKE.	-	-	5,248	1,317	5	1	-	-	5,253	1,3
YELLOWTAIL:										
ATLANTIC	-	-	-	-	-	-	-	-	330	
PACIFIC.	10,446	1,163	-	-	-	-	-	-	10,446	1,1
UNCLASSIFIED	208	10	-	-	-	-	-	13	6,400	2
TOTAL	1,056,987	105,532	83,952	12,688	44,062	2,257	559,464	30,979	3,999,732	241,3
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	-	-	-	-	-	-	-	-	113,072	5,5
SOFT AND PEELERS .	-	-	-	-	-	-	-	-	5,712	1,4
DUNGENESS.	44,600	4,702	-	-	-	-	1,223	63	45,823	4,7
KING	-	-	-	-	-	-	2,133	96	2,133	
ROCK	21	2	-	-	-	-	-	-	1,263	
STONE.	-	-	-	-	-	-	-	-	161	
CRAWFISH	33	7	7	2	29	(1)	-	-	69	
HORSESHOE CRAB	-	-	-	-	-	-	-	-	940	
LOBSTERS:										
NORTHERN	-	-	-	-	-	-	-	-	20,987	8,7
SPINY.	563	229	-	-	-	-	-	-	1,341	3
SHRIMP	973	69	-	-	49	4	2,835	227	167,155	29,4
ABALONE.	646	371	-	-	-	-	-	-	646	3
CLAMS:										
COQUINA.	-	-	-	-	-	-	-	-	54	
HARD	274	88	-	-	-	-	16	1	20,002	7,0
OCEAN QUAHOG	-	-	-	-	-	-	-	-	239	
RAZOR.	618	344	-	-	-	-	1,222	128	1,884	4
SOFT	1	(1)	-	-	-	-	-	-	13,635	2,8
SURF	-	-	-	-	-	-	-	-	3,711	3
MIXED.	30	8	-	-	-	-	-	-	30	
TOTAL CLAMS . . .	923	440	-	-	-	-	1,238	129	39,555	10,8
CONCHS	-	-	-	-	-	-	-	-	479	
MUSSELS, SEA	1	(1)	-	-	-	-	-	-	467	
MUSSEL SHELLS.	-	-	-	-	37,255	422	-	-	37,255	4
OCTOPUS.	184	12	-	-	-	-	-	-	184	
OYSTERS, MARKET:										
EASTERN, PUBLIC. . .	-	-	-	-	-	-	-	-	31,110	10,5
EASTERN, PRIVATE . .	46	52	-	-	-	-	-	-	37,534	16,1
PACIFIC.	9,564	1,710	-	-	-	-	7	1	9,571	1,7
WESTERN.	154	212	-	-	-	-	-	-	154	2
TOTAL OYSTERS . .	9,764	1,974	-	-	-	-	7	1	78,369	28,6
PERIWINKLES AND COCKLES	-	-	-	-	-	-	-	-	50	
SCALLOPS:										
BAY.	17	13	-	-	-	-	-	-	1,995	1,3
SEA.	-	-	-	-	-	-	-	-	16,636	8,7
SQUID.	19,259	518	-	-	-	-	-	-	23,819	8
SEA URCHINS.	-	-	-	-	-	-	-	-	180	
TERRAPIN, DIAMOND-BACK	-	-	-	-	19	(1)	-	-	199	
TURTLES.	-	-	-	-	94	3	-	-	521	
FROGS.	-	-	-	-	875	131	-	-	875	1
IRISH MOSS	-	-	-	-	-	-	-	-	2,084	
ROCKWEED	-	-	-	-	-	-	-	-	260	
SPONGES.	-	-	-	-	-	-	-	-	267	3,0
PEARLS AND SLUGS . . .	-	-	-	-	-	80	-	-	-	
BLOODWORMS	-	-	-	-	-	-	-	-	568	3
SANDWORMS.	-	-	-	-	-	-	-	-	85	
TOTAL	76,984	8,337	7	2	38,321	640	7,436	516	563,150	105,6

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

UNITED STATES AND ALASKA: CATCH BY REGION - Continued

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

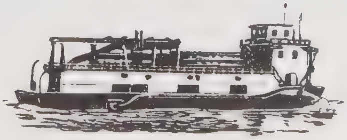
SPECIES	PACIFIC, 1948		LAKES, 1948		MISSISSIPPI RIVER & TRIBUTARIES, 1931		ALASKA 1948		TOTAL, VARIOUS YEARS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LE PRODUCTS:										
MEAL	238	8	-	-	-	-	-	-	238	8
OIL.	881	128	-	-	-	-	-	-	881	128
OTHER.	59	13	-	-	-	-	-	-	59	13
TOTAL	1,178	149	-	-	-	-	-	-	1,178	149
GRAND TOTAL . . .	1,135,149	114,018	83,959	12,690	82,383	2,897	566,900	31,495	4,564,060	347,187

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.
2/ THE CATCH OF GRAYFISH IN CALIFORNIA IS INCLUDED WITH SHARKS.

SEED OYSTER FISHERY, 1948

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
OPERATING UNITS				
SHERMEN:				
ON VESSELS.	194	1,264	255	1,713
ON BOATS AND SHORE:				
REGULAR	-	115	1,377	1,492
CASUAL.	-	80	30	110
TOTAL.	194	1,459	1,662	3,315
SSELS:				
STEAM	3	-	-	3
NET TONNAGE	437	-	-	437
MOTOR	25	167	34	226
NET TONNAGE	938	3,306	193	4,437
SAIL.	-	-	33	33
NET TONNAGE	-	-	546	546
TOTAL VESSELS. . .	28	167	67	262
TOTAL NET TONNAGE.	1,375	3,306	739	5,420
OATS:				
MOTOR	-	113	622	735
OTHER	-	20	341	361
ARATUS:				
DREDGES	57	334	66	457
YARDS AT MOUTH. . .	87	462	76	625
ONGS	-	-	85	85

CATCH	NEW ENGLAND BUSHELS	NEW ENGLAND VALUE	MIDDLE ATLANTIC BUSHELS	MIDDLE ATLANTIC VALUE	CHESAPEAKE BUSHELS	CHESAPEAKE VALUE	TOTAL BUSHELS	TOTAL VALUE
YSTERS, SEED:								
PUBLIC, SPRING. . . .	-	-	1,743,000	$1,743,000	2,145,426	$861,130	3,888,426	$2,604,130
PUBLIC, FALL.	-	-	-	-	1,083,375	386,645	1,083,375	386,645
PRIVATE, SPRING . . .	233,244	$583,577	147,990	153,975	111,341	35,865	492,575	773,417
PRIVATE, FALL	116,858	177,243	3,990	9,975	134,252	43,245	255,100	230,463
TOTAL.	350,102	760,820	1,894,980	1,906,950	3,474,394	1,326,885	5,719,476	3,994,655



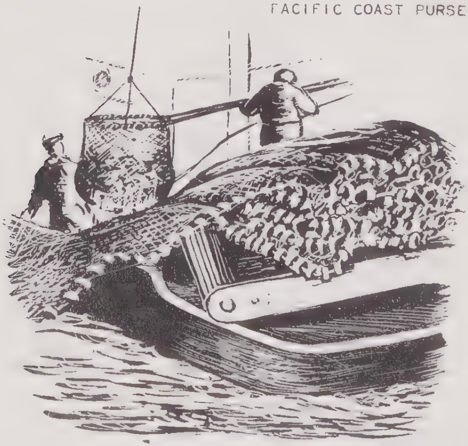
HYDRAULIC OYSTER DREDGE

UNITED STATES AND ALASKA: CATCH BY STATES

STATES	MARINE WATERS & COASTAL RIVERS, 1948 & 1945		MISSISSIPPI RIVER AND TRIBUTARIES, 1931		LAKES, 1948 AND 1945		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALABAMA. . . .	12,556,100	$2,157,271	1,822,153	$32,754	-	-	14,378,253	$2,190,02
ARKANSAS . . .	-	-	15,732,507	411,451	-	-	15,732,507	411,45
CALIFORNIA . .	895,492,500	79,983,472	-	-	-	-	895,492,500	79,983,47
CONNECTICUT. .	18,204,800	1,749,821	-	-	-	-	18,204,800	1,749,82
DELAWARE . . .	154,482,200	3,547,933	-	-	-	-	154,482,200	3,547,93
FLORIDA. . . .	239,747,000	18,309,542	-	-	4,098,800	$526,628	243,845,800	18,836,17
GEORGIA. . . .	21,397,700	1,349,536	-	-	-	-	21,397,700	1,349,53
ILLINOIS . . .	-	-	14,262,630	367,238	1,619,700	375,527	15,882,330	742,76
INDIANA. . . .	-	-	7,717,596	157,222	24,300	2,424	7,741,896	159,64
IOWA	-	-	7,777,967	302,395	-	-	7,777,967	302,39
KANSAS	-	-	455,421	16,673	-	-	455,421	16,67
KENTUCKY . . .	-	-	1,621,751	60,882	-	-	1,621,751	60,88
LOUISIANA. . .	209,107,900	24,381,968	19,213,368	994,374	-	-	228,321,268	25,376,34
MAINE.	303,504,300	16,076,969	-	-	-	-	303,504,300	16,076,96
MARYLAND . . .	54,213,400	8,220,040	-	-	-	-	54,213,400	8,220,04
MASSACHUSETTS.	649,695,900	46,665,387	-	-	-	-	649,695,900	46,665,38
MICHIGAN . . .	-	-	-	-	30,136,700	5,175,143	30,136,700	5,175,14
MINNESOTA. . .	-	-	3,498,280	137,656	6,168,000	548,946	9,666,280	686,60
MISSISSIPPI. .	80,449,500	2,588,636	2,649,723	122,961	-	-	83,099,223	2,711,59
MISSOURI . . .	-	-	927,636	76,981	-	-	927,636	76,98
NEBRASKA . . .	-	-	145,310	16,253	-	-	145,310	16,25
NEW HAMPSHIRE.	529,700	256,156	-	-	-	-	529,700	256,15
NEW JERSEY . .	216,803,000	10,871,685	-	-	-	-	216,803,000	10,871,68
NEW YORK . . .	129,707,000	14,222,363	-	-	1,308,900	148,131	131,015,900	14,370,49
NORTH CAROLINA	198,168,800	5,495,252	-	-	-	-	198,168,800	5,495,25
OHIO	-	-	185,481	7,072	21,796,100	3,339,831	21,981,581	3,346,90
OKLAHOMA . . .	-	-	39,640	4,145	-	-	39,640	4,14
OREGON	87,962,300	11,461,810	-	-	-	-	87,962,300	11,461,81
PENNSYLVANIA .	-	-	-	-	2,533,800	522,290	2,533,800	522,29
RHODE ISLAND .	26,445,500	3,239,530	-	-	-	-	26,445,500	3,239,53
SOUTH CAROLINA	10,855,600	899,389	-	-	-	-	10,855,600	899,38
SOUTH DAKOTA .	-	-	114,361	10,576	-	-	114,361	10,57
TENNESSEE. . .	-	-	3,435,069	103,915	-	-	3,435,069	103,91
TEXAS.	55,579,900	6,144,998	138,500	6,368	-	-	55,718,400	6,151,36
VIRGINIA . . .	310,123,000	19,384,182	-	-	-	-	310,123,000	19,384,18
WASHINGTON . .	151,693,700	22,572,869	-	-	-	-	151,693,700	22,572,86
WISCONSIN. . .	-	-	2,645,130	68,441	20,371,500	2,577,290	23,016,630	2,645,731
ALASKA	566,899,963	31,494,805	-	-	-	-	566,899,963	31,494,80
TOTAL. .	4,393,619,763	331,073,614	82,382,523	2,897,357	88,057,800	13,216,210	4,564,060,086	347,187,181

1/ INCLUDES THE CATCH OF THE GREAT LAKES, RAINY LAKE, NAMAKAN LAKE, LAKE OF THE WOODS AND LAKE OKEECHOBEE.

PACIFIC COAST PURSE SEINING OPERATION



BRAILING

DRYING AND MENDING

UNITED STATES AND ALASKA: CATCH BY GEAR

GEAR	NEW ENGLAND, 1948		MIDDLE ATLANTIC, 1948		CHESAPEAKE, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
E SEINES	81,721,600	$2,577,236	375,704,700	$4,782,326	140,325,800	$1,489,182
SEINES	1,963,500	97,130	2,349,000	342,440	24,143,800	2,233,285
SEINES	78,769,400	1,515,626	-	-	-	-
NETS	13,776,300	715,203	5,243,200	696,854	6,732,500	793,605
S	24,856,300	1,547,638	7,107,600	843,939	26,171,800	1,539,239
D NETS	18,764,400	1,306,055	27,084,500	1,326,127	58,046,900	3,135,931
TING TRAPS	7,820,800	359,398	-	-	-	-
R TRAPS	18,100	3,144	-	-	52,500	1,080
S	50,122,600	972,013	967,000	6,775	-	-
P NETS	-	-	29,000	2,520	22,600	904
E NETS	34,000	3,038	490,700	39,275	3,432,500	393,775
NETS	2,567,100	57,315	34,100	6,937	292,900	59,814
DRAG AND PUSH NETS	114,600	35,474	-	-	-	-
R TRAWLS	660,439,100	36,979,145	39,032,800	4,183,733	26,061,600	2,245,288
TRAWLS	-	-	100,000	50,000	-	-
	21,548,200	8,489,255	2,767,200	575,869	35,384,200	2,021,737
OONS	1,282,300	400,228	44,700	24,650	-	-
RS	10,300	2,359	-	-	-	-
PES	-	-	-	-	2,366,100	460,195
GES	16,697,300	8,632,474	24,384,300	10,773,217	21,187,800	6,190,755
S	2,815,800	961,666	9,768,700	3,385,763	17,735,300	6,136,002
S	3,737,700	654,574	2,312,800	904,036	1,035,300	475,090
S	29,200	18,000	-	-	-	-
	11,271,500	2,654,658	1,250,000	218,750	-	-
AND	20,100	6,234	2,321,900	478,760	1,344,800	428,340
TOTAL	998,380,200	67,987,863	500,992,200	28,641,981	364,336,400	27,604,222

GEAR	SOUTH ATLANTIC AND GULF, 1948 AND 1945		PACIFIC, 1948		LAKES, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BE SEINES	447,178,300	$4,231,121	1/575,552,700	1/$27,966,021	-	-
SEINES	37,836,000	3,715,063	3,942,700	644,754	5,219,000	$367,304
NETS	56,643,000	6,503,623	2/36,655,500	2/7,883,877	40,041,500	6,044,816
MMEL NETS	6,891,300	932,725	(2)	(2)	3/11,700	3/3,544
S	69,157,300	5,549,864	319,439,900	60,866,076	631,100	245,486
ND NETS	13,254,800	841,883	1,215,300	229,374	9,779,300	1,556,522
NETS	-	-	-		26,332,100	4,251,112
R TRAPS	295,100	147,550	44,099,200	4,807,445	-	-
S	-	-	396,200	16,639	-	-
NETS	3,500	210	-	-	-	-
NETS	1,056,200	109,690	380,100	55,802	1,944,000	220,678
NETS	1,239,900	316,770	6,568,800	767,663	-	-
NETS	177,000	19,221	-	-	-	-
, DRAG AND PUSH NETS	-	-	128,400	7,781	-	-
F NETS	-	-	873,400	223,125	-	-
TRAWLS	170,079,500	29,514,985	102,725,000	6,207,496	-	-
TRAWLS	-	-	844,700	68,891	-	-
	8,711,000	651,190	-	-	-	-
ONS	-	-	3,092,200	512,615	-	-
S	706,500	103,547	-	-	300	120
GES	7,743,900	2,168,618	4/9,764,800	4/1,973,987	-	-
S	8,578,200	3,551,346	(4)	(4)	-	-
S	820,800	179,602	(4)	(4)	-	-
ELS	-	-	922,500	440,356	-	-
KS	45,000	11,250	-	-	-	-
BS	680,100	124,121	-	-	-	-
KS	77,800	290,403	-	-	-	-
L OR SCOOP NETS	54,000	13,500	27,901,400	975,349	-	-
ING OUTFITS, ABALONE ND SPONGES	203,400	2,716,414	645,700	370,900	-	-
HAND	528,700	160,524	(4)	(4)	-	-
TOTAL	831,961,300	61,853,220	1,135,148,500	114,018,151	83,959,000	12,689,582

FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

UNITED STATES AND ALASKA: CATCH BY GEAR - Continued

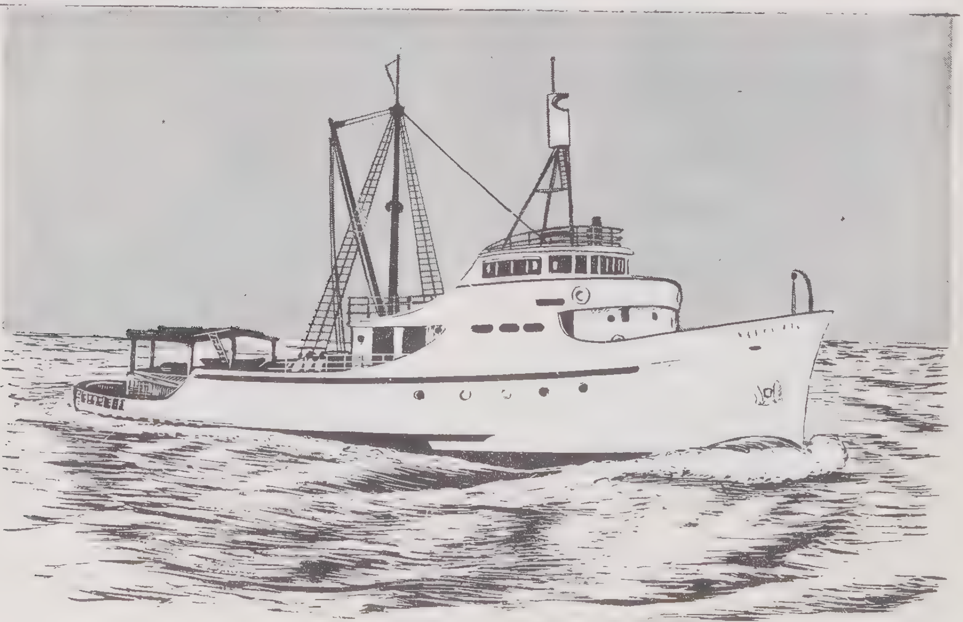
GEAR	MISSISSIPPI RIVER AND TRIBUTARIES, 1931		ALASKA, 1948		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PURSE SEINES	-	-	273,184,561	$7,593,074	1,893,667,661	$48,638,960
HAUL SEINES	13,739,657	$574,541	-	-	89,193,657	7,974,517
STOP SEINES	-	-	-	-	78,769,400	1,515,626
GILL NETS	166,598	6,547	118,122,754	6,902,105	277,381,352	29,546,640
TRAMMEL NETS	1,134,206	75,615	-	-	8,037,206	1,011,884
LINES	10,140,037	772,245	68,370,936	9,165,338	525,874,973	80,529,825
POUND NETS	224,275	9,541	99,785,607	7,318,236	228,155,082	15,723,669
TRAP NETS	-	-	-	-	26,332,100	4,251,112
FLOATING TRAPS	-	-	-	-	7,820,800	359,398
OTHER TRAPS	-	-	-	-	44,464,900	4,959,219
WEIRS	-	-	-	-	51,485,800	995,427
STOP NETS	-	-	-	-	55,100	3,634
FYKE NETS	18,507,204	797,130	-	-	25,844,704	1,619,388
DIP NETS	30,045	3,307	-	-	10,732,845	1,211,806
CAST NETS	-	-	-	-	177,000	19,221
BAG, DRAG AND PUSH NETS	-	-	-	-	243,000	43,255
REEF NETS	-	-	-	-	873,400	223,125
OTTER TRAWLS	-	-	2,133,354	96,001	1,000,471,354	79,226,648
BEAM TRAWLS	-	-	2,834,803	226,784	3,779,503	345,675
POTS	310,455	26,277	1,222,326	63,217	69,943,381	11,827,545
HARPOONS	-	-	-	-	4,419,200	937,493
SPEARS	2,250	270	-	-	719,350	106,296
SCRAPES	-	-	-	-	2,366,100	460,195
DREDGES	3,699,100	40,958	-	-	83,477,200	29,780,009
CROWFOOT BARS	20,893,550	265,443	-	-	20,893,550	265,443
TONGS	1,601,876	21,091	-	-	40,499,876	14,055,868
RAKES	370,130	4,029	-	-	8,276,730	2,217,331
SHOVELS	-	-	1,238,293	129,317	2,160,793	569,673
FORKS	4,812,737	76,214	-	-	4,886,937	105,464
HOES	-	-	-	-	12,521,500	2,873,408
GRABS	873,099	130,621	-	-	1,553,199	254,742
HOOKS	-	-	-	-	77,800	290,403
BRAIL OR SCOOP NETS	-	-	-	-	27,955,400	988,849
DIVING OUTFITS, ABALONE AND SPONGES	-	-	-	-	849,100	3,087,314
BY HAND	5,877,304	93,528	7,329	733	10,100,133	1,168,119
TOTAL	82,382,523	2,897,357	556,899,963	31,494,805	4,564,060,086	347,187,181

1/ THE CATCH OF HAUL SEINES AND LAMPARA NETS IN CALIFORNIA HAS BEEN INCLUDED WITH PURSE SEINES.

2/ THE CALIFORNIA CATCH IN TRAMMEL NETS HAS BEEN INCLUDED WITH GILL NETS.

3/ INCLUDES CATCH BY BAR NETS.

4/ THE CATCH BY RAKES, TONGS, AND BY HAND HAS BEEN INCLUDED WITH DREDGES.



REFRIGERATED TUNA CLIPPER

MANUFACTURED FISHERY PRODUCTS

The output of manufactured products (canned, cured, packaged, and byproducts) in the ted States and Alaska during 1948 had an estimated value of almost 612 million dol- ls, making it the most valuable in history. Canned products are estimated to have ounted for 55 percent of the total; packaged shellfish, 17 percent; byproducts, 13 cent; packaged fish, 8 percent; and cured fish, 7 percent.

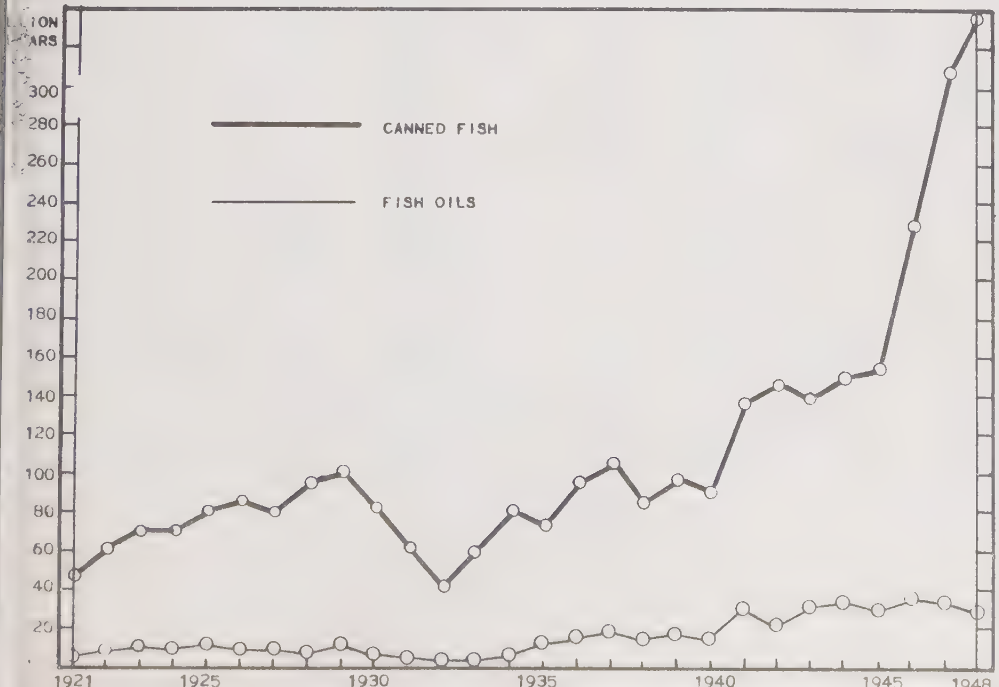
Since it was not possible to conduct a survey for data on the 1948 production of ed fishery products (salted, smoked, dried, etc.), packaged shellfish, and manufac- ed items produced by fishermen, the following compilation of manufactured products sists of composite data, based on the most recent statistics available. Data on the duction of canned fishery products, packaged fish, and byproducts are for 1948. tistics on the output of cured products and packaged shellfish are for 1948 in Alaska for 1940 in all other sections, except the Mississippi River and its tributaries, ch are for 1931; while data on the yield of fishermen's prepared products are for 0 in all areas, except the Mississippi River and its tributaries, which are for 1931.

The pack of canned fishery products in 1948 totaled 782,208,321 pounds, valued at 6,181,479 at the processors' level. This represented an increase of over 28 million unds and 25.5 million dollars, compared with the previous year. Record packs of tuna crab meat were canned during the year. The 1948 pack of salmon was 14 percent less n 1947, and one of the smallest in the past 35 years. The Maine pack of sardines the second largest in history, and the California sardine pack was up 1 million es over the previous year. The California sardine production was still far below record packs of the pre-war days

The quantity of meal and scrap processed (399,088,000 pounds, valued at $23,088,734) 7 percent greater than in 1947, while the value was 3 percent greater. The yield fish and marine-animal oils (130,431,676 pounds, valued at $30,982,807) was 2 per- above that of the previous year, while the value dropped 2 percent. A record duction of menhaden scrap and meal occurred, while oil production from this species the second highest on record.

ata on the production of the various products are for the years indicated.

VALUE OF CANNED FISH AND FISH OILS, 1921 - 1948



MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS [1]

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:						
CANNED, NATURAL AND KIPPERED	1948	STANDARD CASES	124,102	$655,944	-	-
ROE, CANNED	1948	DO	22,658	401,416	-	-
SALTED:						
ROUND	1940	POUNDS	899,400	15,939	-	-
CORNED	1940	DO	5,429,450	123,287	442,100	$8,979
PICKLED [2]	1940	DO	4,851,500	176,819	80,000	2,400
SPICED	1940	DO	3,778,499	379,110	-	-
TIGHT-PACK, CUT	1940	DO	280,100	12,698	-	-
WITH ROE	1940	DO	62,700	3,874	-	-
ROE	1940	DO	-	-	1,200	204
SMOKED, WHOLE AND FILLETS	1940	DO	23,800	1,052	122,125	6,493
AMBERJACK, SMOKED	1940	DO	-	-	500	65
ANCHOVIES:						
CANNED	1948	STANDARD CASES	66,994	755,458	-	-
MEAL	1948	TONS	163	21,517	-	-
OIL	1948	GALLONS	15,407	15,320	-	-
BARRACUDA:						
SALTED, DRY	1940	POUNDS	19,465	2,433	-	-
SMOKED	1940	DO	1,000	200	-	-
BLUEFISH, SMOKED	1940	DO	-	-	300	45
BLUE MARLIN, SMOKED	1940	DO	-	-	300	66
BLUE PIKE:						
FRESH FILLETS	1948	DO	1,790,198	751,005	-	-
FRESH FILLETS	1940	DO	-	-	9,000	2,250
FROZEN FILLETS	1948	DO	302,115	138,159	-	-
BLUE RUNNERS, SALTED	1940	DO	250,000	10,000	-	-
BUFFALOFISH:						
SMOKED	1940	DO	325,000	71,200	-	-
SMOKED	1931	DO	25,700	3,245	-	-
BUTTERFISH:						
SMOKED	1940	DO	478,300	111,750	-	-
SMOKED	1931	DO	2,400	600	-	-
CARP:						
SMOKED	1940	DO	168,550	49,575	3,000	300
SMOKED	1931	DO	700	245	667	67
CATFISH AND BULLHEADS, SMOKED	1940	DO	-	-	7,800	1,560
CHUB, CISCO, AND TULLIBEE:						
SMOKED	1940	DO	5,008,672	1,549,519	103,000	30,900
SMOKED	1931	DO	215,200	48,010	-	-
COD:						
FRESH FILLETS	1948	DO	7,214,691	1,950,457	-	-
FROZEN FILLETS	1948	DO	6,664,934	1,539,505	-	-
LIVER OIL	1948	GALLONS	214,127	583,426	-	-
SALTED:						
GREEN [2]	1940	POUNDS	374,802	15,685	3,202,700	136,115
DRY (ALASKA)	1948	DO	697,818	76,860	-	-
DRY (UNITED STATES)	1940	DO	2,644,732	225,800	-	-
PICKLED	1948	DO	5,426	421	-	-
BONELESS AND ABSOLUTELY BONELESS	1940	DO	8,574,007	1,387,954	-	-
TONGUES (ALASKA)	1948	DO	800	160	-	-
TONGUES (UNITED STATES)	1940	DO	-	-	44,395	4,763
SMOKED, WHOLE, FILLETS AND BONELESS	1940	DO	639,680	74,416	-	-
CROAKER, FRESH AND FROZEN SPLIT "BUTTERFLY"	1948	DO	26,200	9,480	-	-
CUSK:						
FRESH FILLETS	1948	DO	653,000	141,634	-	-
FROZEN FILLETS	1948	DO	122,672	25,435	-	-
SALTED	1940	DO	32,215	4,355	-	-
SMOKED WHOLE AND FILLETS	1940	DO	403,099	32,157	-	-
EELS, COMMON:						
SALTED	1940	DO	-	-	122,620	10,551
SMOKED	1940	DO	179,055	48,901	15,000	4,500
SMOKED	1931	DO	31,300	8,138	-	-
FLOUNDERS:						
FRESH FILLETS	1948	DO	12,600,740	4,619,803	-	-
FROZEN FILLETS	1948	DO	10,900,644	3,489,964	-	-
SMOKED	1940	DO	1,800	290	-	-
GROUPER:						
FRESH AND FROZEN FILLETS	1948	DO	235,600	87,558	-	-
FRESH AND FROZENS STEAKS	1948	DO	179,659	68,892	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
DDOCK:						
FRESH FILLETS	1948	POUNDS	19,705,975	$5,772,737	-	-
FROZEN FILLETS	1948	DO	22,513,047	6,080,299	-	-
FINNAN HADDIE AND CHOWDER, CANNED	1948	STANDARD CASES	723	9,894	-	-
SALTED	1940	POUNDS	76,115	7,143	-	-
SMOKED						
WHOLE	1940	DO	29,200	5,808	-	-
FILLETS	1940	DO	293,165	48,968	-	-
FINNAN HADDIE	1940	DO	577,611	66,837	-	-
KE:						
FRESH FILLETS	1948	POUNDS	1,120,264	211,916	-	-
FROZEN FILLETS	1948	DO	867,162	127,600	-	-
SALTED:					-	-
GREEN 2/	1940	DO	902,015	30,271	-	-
OTHER	1940	DO	1,464,010	96,150	-	-
SMOKED FILLETS	1940	DO	39,400	1,227	-	-
ALIBUT:						
FRESH FILLETS AND STEAKS	1948	DO	29,406	10,388	-	-
FROZEN FILLETS AND STEAKS	1948	DO	3,358,836	1,352,648	-	-
FROZEN CHEEKS	1948	DO	5,852	1,848	-	-
SMOKED (ALASKA)	1948	DO	101	22	-	-
SMOKED (UNITED STATES)	1940	DO	1,500	468	-	-
ERRING, LAKE:						
FRESH FILLETS	1948	DO	83,203	18,796	-	-
FROZEN FILLETS	1948	DO	93,084	16,476	-	-
SALTED	1940	DO	2,998,574	94,588	2,038,000	$64,400
SMOKED	1940	DO	1,078,397	134,462	4,000	800
RRING, SEA:						
CANNED:						
HERRING	1948	STANDARD CASES	326,448	2,823,994	-	-
SARDINES	1948	DO	3,060,842	26,921,926	-	-
SPECIALTY ITEMS, (SMOKED, KIPPERED AND SPREAD)	1948	DO	8,059	133,576	-	-
ROE	1948	DO	3,478	35,883	-	-
MEAL	1948	TONS	17,686	2,065,042	-	-
OIL	1948	GALLONS	3,643,537	4,004,250	-	-
SALTED						
BRINE SALTED	1940	POUNDS	421,700	15,424	-	-
PICKLED IN VINEGAR	1940	DO	1,895,425	90,799	-	-
SCOTCH CURED 2/	1948	DO	550,150	61,285	-	-
SPICED	1940	DO	1,637,869	173,251	37,000	3,700
SMOKED:						
BLOATERS:						
HARD	1940	DO	623,642	78,582	-	-
SOFT	1940	DO	8,066	403	-	-
UNCLASSIFIED	1940	DO	70,406	6,019	-	-
BONELESS	1940	DO	2,018,330	210,540	-	-
LENGTHWISE	1940	DO	68,517	3,862	-	-
MEDIUM SCALE	1940	DO	171,320	9,909	-	-
KIPPERED	1940	DO	489,500	52,113	-	-
UNCLASSIFIED	1940	DO	138,900	22,645	-	-
CHOKER, SALTED	1940	DO	-	-	3,000	140
WFISH	1940	DO	8,857	1,107	-	-
NG MACKEREL, SMOKED	1940	DO	3,500	525	5,500	1,650
E TROUT:						
FRESH FILLETS	1948	DO	123,400	57,455	-	-
FROZEN FILLETS	1948	DO	8,800	4,575	-	-
SMOKED (U.S. EXCEPT MISS. RIVER)	1940	DO	789,771	243,842	95,400	29,120
SMOKED (MISS. RIVER)	1931	DO	2,100	315	-	-
SALTED	1940	DO	-	-	27,000	2,100
NGCOD:						
FRESH FILLETS AND STEAKS	1948	DO	565,121	110,541	-	-
FROZEN FILLETS	1948	DO	719,177	155,312	-	-
FROZEN STEAKS	1948	DO	466,773	77,003	-	-
SMOKED	1940	DO	800	100	-	-
ACKEREL:						
FRESH FILLETS	1948	DO	678,742	141,658	-	-
FROZEN FILLETS	1948	DO	1,932,938	390,158	-	-
CANNED	1948	STANDARD CASES	1,281,192	9,850,834	-	-
ROE, CANNED	1948	DO	945	12,197	-	-
SALTED:						
SPLIT AND BRINE-SALTED	1940	POUNDS	1,904,900	160,370	-	-
DRY, WHOLE AND FILLETS	1940	DO	1,668,548	108,898	-	-
SMOKED, WHOLE AND FILLETS	1940	DO	90,300	17,010	-	-

EE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS [1] - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
MOONEYE, SMOKED	1940	POUNDS	5,000	$600	-	-
MENHADEN:						
ROE, SALTED	1940	DO	1,000	250	-	-
MEAL AND DRY AND ACID SCRAP	1948	TONS	104,058	11,560,914	-	-
OIL	1948	GALLONS	8,763,939	10,132,179	-	-
MULLET:						
SALTED	1940	POUNDS	1,254,300	81,200	495,200	$34,965
ROE, SALTED	1940	DO	60,000	14,825	21,300	3,575
SMOKED	1940	DO	-	-	33,100	6,765
PADDLEFISH OR SPOONBILL CAT:						
SMOKED (U.S. EXCEPT MISS. RIVER)	1940	DO	127,500	55,850	-	-
SMOKED (MISS. RIVER)	1931	DO	20,000	5,000	-	-
SALTED ROE	1931	DO	-	-	1,595	812
PIKE OR PICKEREL:						
FRESH FILLETS	1948	DO	19,499	7,060	-	-
FROZEN FILLETS	1948	DO	7,876	2,863	-	-
PILCHARD:						
CANNED	1948	STANDARD CASES	2,654,149	21,892,893	-	-
DRY SALTED	1940	POUNDS	9,683	968	-	-
MEAL	1948	TONS	19,076	2,614,616	-	-
OIL	1948	GALLONS	2,328,572	2,457,858	-	-
POLLOCK:						
FRESH FILLETS	1948	POUNDS	2,247,688	323,695	-	-
FROZEN FILLETS	1948	DO	8,953,380	1,319,390	-	-
SALTED:						
GREEN [2]	1940	DO	184,772	5,665	4,100	110
DRY, WHOLE	1940	DO	262,335	12,069	-	-
SMOKED	1940	DO	40,000	960	-	-
ROCKFISHES:						
FRESH FILLETS	1948	DO	2,387,947	428,909	-	-
FROZEN FILLETS	1948	DO	2,512,105	465,725	-	-
ROSEFISH (OCEAN PERCH):						
FRESH FILLETS	1948	DO	686,890	153,676	-	-
FROZEN FILLETS	1948	DO	67,008,875	14,254,219	-	-
SABLEFISH:						
FRESH FILLETS	1948	DO	3,994	625	-	-
FROZEN FILLETS AND STEAKS	1948	DO	67,992	14,173	-	-
SALTED (ALASKA)	1948	DO	108,858	14,477	-	-
SALTED (UNITED STATES)	1940	DO	58,090	3,281	122,200	6,721
KIPPERED OR SMOKED (ALASKA)	1948	DO	822	411	-	-
KIPPERED OR SMOKED (U.S.EX.MISS.R.)	1940	DO	1,145,864	265,885	-	-
KIPPERED OR SMOKED (MISS. RIVER)	1931	DO	30,000	10,500	-	-
SAILFISH, SMOKED	1940	DO	-	-	10,200	2,142
SALMON:						
FRESH FILLETS AND STEAKS	1948	DO	240,482	79,173	-	-
FROZEN FILLETS	1948	DO	106,820	53,316	-	-
FROZEN STEAKS	1948	DO	1,569,091	709,240	-	-
CANNED:						
CHINOOK OR KING	1948	STANDARD CASES	339,225	11,757,827	-	-
CHUM OR KETA	1948	DO	1,058,046	21,215,721	-	-
PINK	1948	DO	1,308,960	29,658,633	-	-
RED OR SOCKEYE	1948	DO	1,737,809	47,616,589	-	-
SILVER OR COHO	1948	DO	359,960	9,608,043	-	-
STEELHEAD	1948	DO	20,966	680,383	-	-
TOTAL CANNED SALMON		DO	4,824,966	120,537,196	-	-
SMOKED	1948	DO	172	8,454	-	-
EGGS FOR BAIT	1948	DO	7,539	160,756	-	-
SPECIALTY PACKS (CAVIAR, SPREAD, AND WITH CHEESE	1948	DO	1,665	55,836	-	-
MEAL	1948	TONS	1,152	112,223	-	-
OIL:						
EDIBLE	1948	GALLONS	22,065	77,228	-	-
INDUSTRIAL	1948	DO	94,331	92,450	-	-
SALTED:						
HARD (ALASKA)	1948	POUNDS	54,100	17,290	-	-
HARD (UNITED STATES)	1940	DO	28,000	4,200	-	-
MILD-CURED (ALASKA)	1948	DO	4,277,212	1,787,900	-	-
MILD-CURED (UNITED STATES)	1940	DO	4,290,510	886,341	-	-
EGGS FOR CAVIAR	1940	DO	291,518	26,856	-	-
BELLIES	1940	DO	7,600	520	-	-
SMOKED:						
WHOLE AND FILLETS (ALASKA)	1948	DO	2,464	1,602	-	-
WHOLE (U.S. EXCEPT MISS. RIVER)	1940	DO	8,113,086	2,770,902	-	-
WHOLE (MISS RIVER)	1931	DO	312,400	71,730	-	-
KIPPERED	1940	DO	2,543,104	721,048	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
SAUGER:						
FRESH FILLETS.	1948	POUNDS	694,929	$308,024	-	-
FROZEN FILLETS	1948	DO	91,997	44,979	-	-
SEA BASS:						
FRESH AND FROZEN FILLETS AND STEAKS	1948	DO	84,000	28,780	-	-
DRY, SALTED	1940	DO	11,531	1,441	-	-
SEA CATFISH, FRESH PAN DRESSED .	1940	DO	-	-	20,000	$1,400
SEA TROUT, GRAY:						
FRESH FILLETS.	1948	DO	204,400	62,636	-	-
FROZEN FILLETS	1948	DO	166,164	48,818	-	-
SALTED	1940	DO	3,000	649	-	-
SHAD:						
CANNED	1948	STANDARD CASES	14,773	136,851	-	-
ROE, CANNED.	1948	DO	3,075	208,079	-	-
SMOKED	1940	POUNDS	127,400	25,344	-	-
SHARK:						
MEAL	1948	TONS	106	11,178	-	-
OIL, LIVER	1948	GALLONS	434,010	6,315,232	50	20
SHEEPSHEAD, SMOKED (U.S.EX.MISS.R.)	1940	POUNDS	8,000	1,000	15,600	2,340
SHEEPSHEAD, SMOKED (MISS. RIVER).	1931	DO	-	-	617	77
SMELT, FRESH AND FROZEN FILLETS.	1948	DO	19,792	2,828	-	-
SNAPPER, RED, FRESH AND FROZEN STEAKS.	1948	DO	86,248	43,877	-	-
SPANISH MACKEREL:						
FRESH FILLETS.	1948	DO	61,200	28,018	-	-
FROZEN FILLETS	1948	DO	125,745	36,667	-	-
SPOT, SALTED	1940	DO	159,400	9,580	226,000	14,310
STURGEON:						
CANNED, SMOKED AND KIPPERED.	1948	STANDARD CASES	788	56,393	-	-
SMOKED AND KIPPERED (U.S.EX.MISS.R.)	1940	POUNDS	530,588	410,599	-	-
SMOKED AND KIPPERED (MISS. RIVER)	1931	DO	183,300	46,595	1,333	400
ROE, SALTED.	1940	DO	60	120	28	28
ROE, SALTED.	1931	DO	-	-	35	32
SUCKERS, SMOKED.	1940	DO	-	-	2,000	150
SWORDFISH, FROZEN STEAKS	1948	DO	25,433	18,432	-	-
THIMBLE-EYED MACKEREL, SMOKED. .	1940	DO	100	20	-	-
TUNA AND TUNALIKE FISHES:						
CANNED:						
ALBACORE	1948	STANDARD CASES	1,299,243	24,559,318	-	-
YELLOWFIN.	1948	DO	4,017,953	62,352,835	-	-
BLUEFIN.	1948	DO	148,778	2,378,079	-	-
SKIPJACK	1948	DO	1,050,438	16,295,504	-	-
BONITO	1948	DO	185,363	2,392,346	-	-
YELLOWTAIL	1948	DO	188,776	2,238,982	-	-
MIXED SPECIES.	1948	DO	58,040	852,724	-	-
TONNO.	1948	DO	89,167	1,542,508	-	-
TOTAL TUNA AND TUNALIKE FISHES.		DO	7,037,758	112,612,296	-	-
FRESH AND FROZEN FILLETS AND STEAKS	1948	POUNDS	353,150	52,960	-	-
OIL, LIVER	1948	GALLONS	25,459	1,094,241	-	-
SALTED, DRY.	1940	POUNDS	140,828	17,513	-	-
SMOKED OR KIPPERED	1940	DO	1,518	339	-	-
AHOO, SMOKED.	1940	DO	-	-	300	65
HALE:						
MEAL:						
MEAT	1948	TONS	69	5,420	-	-
BONE	1948	DO	60	3,000	-	-
OIL:						
SPERM.	1948	GALLONS	62,332	66,071	-	-
OTHER.	1948	DO	57,757	64,146	-	-
WHITE BASS, FRESH AND FROZEN FILLETS.	1948	POUNDS	3,778	1,830	-	-
WHITEFISH, COMMON:						
FRESH FILLETS.	1948	DO	220,470	109,012	-	-
FROZEN FILLETS	1948	DO	4,300	2,050	-	-
CANNED CAVIAR.	1948	STANDARD CASES	2,389	107,710	-	-
SMOKED (U.S. EXCEPT MISS. RIVER)	1940	POUNDS	2,347,669	817,368	18,400	5,720
SMOKED (MISS. RIVER.)	1931	DO	275,000	52,200	-	-
WHITEFISH, MENOMINEE, SMOKED . .	1940	DO	10,000	2,500	6,000	1,500

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
WHITING:						
FRESH FILLETS	1948	POUNDS	85,250	$10,278	-	-
FROZEN FILLETS	1948	DO	1,010,893	152,795	-	-
FRESH SPLIT "BUTTERFLY"	1948	DO	29,800	4,430	-	-
FROZEN SPLIT "BUTTERFLY"	1948	DO	3,996,420	616,251	-	-
TOTAL PACKAGED WHITING	1948	DO	5,122,363	783,754	-	-
SMOKED	1940	DO	131,500	19,725	-	-
WOLFFISH:						
FRESH FILLETS	1948	DO	66,480	18,598	-	-
FROZEN FILLETS	1948	DO	148,474	46,402	-	-
YELLOW PERCH:						
FRESH FILLETS	1948	DO	424,978	231,207	-	-
FROZEN FILLETS	1948	DO	37,396	20,101	-	-
FRESH FILLETS	1940	DO	-	-	9,000	$2,250
SMOKED	1940	DO	-	-	600	150
YELLOW PIKE:						
FRESH FILLETS	1948	DO	619,501	318,825	-	-
FROZEN FILLETS	1948	DO	32,690	17,512	-	-
FRESH FILLETS	1940	DO	-	-	21,000	5,250
SMOKED	1940	DO	-	-	600	150
ABALONE STEAKS	1940	DO	333,991	126,716	-	-
CLAMS:						
HARD:						
CANNED:						
WHOLE	1948	STANDARD CASES	9,204	97,774	-	-
MINCED	1948	DO	19,881	177,133	-	-
CHOWDER	1948	DO	831,887	5,322,225	-	-
JUICE, BROTH AND NECTAR	1948	DO	8,172	32,726	-	-
FRESH-SHUCKED (UNITED STATES)	1940	GALLONS	138,691	170,226	35,611	34,129
FROZEN-SHUCKED (ALASKA)	1948	POUNDS	6,111	1,588	-	-
RAZOR:						
CANNED:						
WHOLE	1948	STANDARD CASES	494	8,063	-	-
MINCED	1948	DO	36,438	647,651	-	-
FRESH SHUCKED (UNITED STATES)	1940	GALLONS	-	-	29,450	11,952
FROZEN SHUCKED (ALASKA)	1948	POUNDS	15,466	4,007	-	-
SOFT:						
CANNED:						
WHOLE AND MINCED	1948	STANDARD CASES	107,177	1,098,863	-	-
CHOWDER, JUICE, BROTH AND NECTAR	1948	DO	166,521	945,204	-	-
FRESH-SHUCKED	1940	GALLONS	402,742	611,114	6,777	9,166
STEAMED-MEATS	1940	POUNDS	-	-	117,074	11,603
SOUSED, PICKLED	1940	GALLONS	-	-	75	150
SURF, FRESH-SHUCKED	1940	DO	9,080	11,132	468,400	181,744
MIXED, FRESH-SHUCKED	1940	DO	-	-	1,193	1,551
CRABS:						
BLUE, HARD:						
CANNED	1948	STANDARD CASES	33,382	581,872	-	-
MEAL AND SCRAP	1948	TONS	5,151	266,761	-	-
FRESH-COOKED MEAT	1940	POUNDS	7,197,691	2,456,818	3,900	1,117
DUNGENESS:						
CANNED	1948	STANDARD CASES	169,798	3,820,622	-	-
FRESH-COOKED MEAT (ALASKA)	1948	POUNDS	119,863	99,312	-	-
FRESH-COOKED MEAT (UNITED STATES)	1940	DO	1,380,318	412,437	5,176	1,553
FRESH-COOKED MEAT, FROZEN (ALASKA)	1948	DO	5,615	5,815	-	-
KING:						
CANNED	1948	STANDARD CASES	17,622	444,000	-	-
FRESH-COOKED MEAT	1948	POUNDS	46,980	48,000	-	-
FROZEN COOKED MEAT	1948	DO	118,499	145,011	-	-
ROCK, FRESH-COOKED MEAT	1940	DO	295,694	107,881	3,000	1,000
HORSESHOE CRAB, MEAL	1940	TONS	-	-	63	2,474
LOBSTERS:						
NORTHERN, FRESH-COOKED MEAT	1940	POUNDS	277,500	315,182	2,250	2,512
SPINY	1940	DO	49,000	16,400	-	-
MUSSELS, STEAMED, SHUCKED	1940	DO	901,978	187,354	-	-
MUSSEL-SHELL PRODUCTS:						
BUTTONS	1948	GROSS	6,810,135	5,396,511	-	-
POULTRY FEED	1948	TONS	852	8,522	-	-
LIME	1948	DO	1,368	3,678	-	-
CHIPS, SHELLS AND NOVELTIES	1948	-	-	38,410	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS:						
EASTERN:						
CANNED:						
NATURAL	1948	STANDARD CASES	273,591	$3,482,616	-	-
SOUP, STEW AND SMOKED	1948	DO	813	21,372	-	-
FRESH-SHUCKED	1940	GALLONS	6,506,292	8,722,971	24,031	$30,610
SHELL PRODUCTS:						
POULTRY FEED	1948	TONS	274,984	1,932,734	-	-
LIME, BURNED AND UNBURNED	1948	DO	44,099	304,006	-	-
PACIFIC:						
CANNED:						
NATURAL	1948	STANDARD CASES	83,489	1,294,915	-	-
SMOKED, STEWED, COCKTAILS	1948	DO	2,976	118,984	-	-
FRESH-SHUCKED. (ALASKA)	1948	GALLONS	117	684	-	-
FRESH-SHUCKED. (UNITED STATES)	1940	DO	478,402	599,661	-	-
SHELL PRODUCTS (INCLUDES SMALL AMOUNTS OF CLAM SHELL)						
POULTRY FEED	1948	TONS	21,586	207,971	-	-
LIME, UNBURNED	1948	DO	4,406	29,781	-	-
WESTERN OR NATIVE, SHUCKED	1940	GALLONS	28,167	215,786	-	-
SCALLOPS:						
BAY, FRESH-SHUCKED	1940	DO	23,088	65,369	131,042	428,205
SEA, FRESH-SHUCKED	1940	DO	-	-	926,174	1,181,019
SHRIMP:						
CANNED:						
REGULAR WET PACK	1948	STANDARD CASES	558,870	7,791,313	-	-
SPECIALTIES	1948	DO	2,594	95,538	-	-
PACKAGED, FRESH OR FROZEN (ALASKA)	1948	POUNDS	493,271	523,750	-	-
PACKAGED, FRESH OR FROZEN (U.S.)	1940	DO	15,620,399	2,302,921	-	-
SUN DRIED	1940	DO	1,930,400	326,416	138,722	34,680
SMOKED	1940	DO	-	-	500	250
MEAL OR BRAN	1948	TONS	724	49,016	-	-
BRAN	1940	DO	-	-	131	2,620
SQUID, CANNED	1948	STANDARD CASES	349,799	1,373,810	-	-
TERRAPIN AND TURTLE:						
CANNED:						
MEAT	1948	DO	940	30,899	-	-
SOUP AND STEW	1948	DO	11,820	138,754	-	
MISCELLANEOUS:						
CANNED:						
ANIMAL FOOD	1948	DO	1,323,808	6,971,003	-	-
FISH CAKES	1948	DO	192,357	2,425,550	-	-
FISH SPECIALTIES 3/	1948	DO	43,417	1,024,604	-	-
FISH FLAKES, GROUND FISH	1948	DO	35,014	548,113	-	-
SHELL FISH SPECIALTIES 4/	1948	DO	11,458	310,289	-	-
PACKAGED FISH, FRESH OR FROZEN 5/	1948	POUNDS	2,131,483	320,207	-	-
PICKLED TONGUES AND SOUNDS	1940	DO	17,900	1,613	-	-
ALIGATOR HIDES	1931	DO	-	-	88,356	7,363
BUTTONS, MARINE-SHELL	1948	GROSS	4,974,073	8,587,011	-	-
FISH SOLUBLES	1948	POUNDS	32,117,494	1,471,723	-	-
GLUE, LIQUID	1948	GALLONS	215,400	502,041	-	-
MEAL:						
FUR SEAL	1948	TONS	341	36,996	-	-
GROUNDFISH (WHITE FISH) INCLUDING ROSEFISH	1948	DO	21,780	2,872,544	-	-
TUNA AND MACKEREL	1948	DO	21,305	2,757,778	-	-
MISCELLANEOUS MEAL AND SCRAP 6/	1948	DO	7,873	711,729	-	-
OIL:						
BODY:						
FUR SEAL	1948	GALLONS	47,711	42,484	-	-
TUNA AND MACKEREL	1948	DO	660,515	622,110	-	-
MISCELLANEOUS 7/	1948	DO	647,308	901,059	-	-
LIVER AND VISCERA 8/	1948	DO	66,541	4,514,753	-	-
OTHER BYPRODUCTS 9/	1948	-	-	7,311,694	-	-
TOTAL			-	495,577,108	-	2,343,798

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			BY MANUFACTURING ESTABLISHMENTS		BY FISHERMEN	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
SUMMARY 1948						
CANNED PRODUCTS	1948	POUNDS	782,208,321	$336,181,479	-	-
PACKAGED PRODUCTS:						
FISH, FRESH OR FROZEN (FILLETS, STEAKS, ETC.)	1948	DO	189,499,843	47,708,883	-	-
SHELLFISH (ALASKA PRODUCTION) .	1948	DO	806,831	828,167	-	-
CURED PRODUCTS:						
SALTED, DRIED, OR PICKLED (ALASKA PRODUCTION).	1948	DO	5,694,364	1,958,393	-	-
SMOKED (ALASKA PRODUCTION). . .	1948	DO	3,387	2,035	-	-
BYPRODUCTS:						
MEAL AND SCRAP.	1948	DO	399,088,000	23,088,734	-	-
OIL	1948	DO	130,453,725	30,982,807	-	-
SHELL PRODUCTS:						
LIME AND POULTRY FEED	1948	DO	694,590,000	2,486,692	-	-
BUTTONS AND MISCELLANEOUS SHELL PRODUCTS.	1948	-	-	14,021,932	-	-
FISH SOLUBLES	1948	POUNDS	32,117,494	1,471,723	-	-
OTHER	1948	-	-	7,813,735	-	-
TOTAL	1948		-	466,544,580	-	-
SUMMARY 1940						
PACKAGED PRODUCTS:						
FISH, FRESH OR FROZEN	1940	POUNDS	-	-	59,000	$11,150
SHELLFISH, FRESH OR FROZEN. . .	1940	DO	94,349,263	16,648,384	14,330,989	1,896,561
CURED PRODUCTS:						
SALTED, DRIED AND PICKLED . . .	1940	DO	46,955,410	4,203,046	6,968,565	324,041
SMOKED AND KIPPERED	1940	DO	28,868,886	7,934,520	480,725	98,181
MEAL AND SCRAP.	1940	DO	-	-	388,000	5,094
OIL	1940	DO	-	-	387	20
TOTAL	1940		-	28,785,950	-	2,335,047
SUMMARY 1931						
CURED PRODUCTS:						
SALTED.	1931	POUNDS	-	-	1,630	844
SMOKED.	1931	DO	1,098,100	246,578	2,617	544
ALLIGATOR HIDES	1931	DO	-	-	88,356	7,363
TOTAL	1931		-	246,578	-	8,751
GRAND TOTAL			-	495,577,108	-	2,343,798

[1] DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

[2] THIS IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH SHOWN IN THE TOTAL MAY ALSO BE SHOWN IN ITS FINAL STAGE OF PROCESSING ELSEWHERE IN THE TABLE.

[3] FISH SPECIALTIES INCLUDE SMOKED CARP FLAKES, JELLIED EELS, MULLET, RED DRUM, KIPPERED SABLEFISH FILLETS, SMOKED SHAD, SPANISH MACKEREL, TUNAFISH FRANKFURTERS, WHITING; ROE OF CARP, MENHADEN, POLLOCK, YELLOWTAIL, STURGEON, TROUT, AND UNCLASSIFIED FISH; FISH CHOWDER AND FISH PASTE.

[4] SHELLFISH SPECIALTIES INCLUDE CLAM CAKES AND LOAF, CONCHS, CRAB BISQUE AND GUMBO, DEVILED CRAB AND CRAB COCKTAILS, SOFT SHELL CRABS, FROG LEGS, LOBSTER SOUPS AND STEWS, AND MISCELLANEOUS SOUPS AND STEWS.

[5] PACKAGED FISH, FRESH OR FROZEN, INCLUDES FILLETS OR STEAKS OF CARP, HERRING, KINGFISH, OCEAN POUT, PERCH, RED DRUM, SUCKERS, SHARK, SHEEPSHEAD, STRIPED BASS, STURGEON, TAUTOG, TILEFISH, WHITEBAIT, AND UNCLASSIFIED.

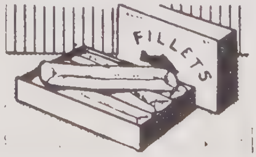
[6] MISCELLANEOUS MEAL AND SCRAP INCLUDES ALEWIFE, COD LIVER PRESS CAKE, FISH POMACE, HORSESHOE AND DUNGENESS CRAB, LOBSTER AND UNCLASSIFIED.

[7] MISCELLANEOUS BODY OILS INCLUDE ALEWIFE, BLACKFISH, ROSEFISH, AND UNCLASSIFIED.

[8] MISCELLANEOUS LIVER AND VISCERA OILS INCLUDE BURBOT, HALIBUT, LINGCOD, ROCKFISH, SABLEFISH, SWORDFISH AND UNCLASSIFIED.

[9] OTHER BYPRODUCTS INCLUDE THE PRODUCTION OF AGAR-AGAR, IRISH MOSS, ISINGLASS, KELP PRODUCTS, PEARL ESSENCE, FISH CHUM FOR BAIT, HOMOGENIZED CONDENSED FISH, AND CRAB SHELLS FOR TABLE USE.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER COUNTRY; THEREFORE THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE UNITED STATES AND ALASKA. THE LIME AND POULTRY FEED MANUFACTURED FROM SHELL PRODUCTS WAS PRODUCED FROM OYSTER AND CLAM SHELLS WHICH ARE NOT INCLUDED IN THE CATCH STATISTICS FOR THESE SHELLFISH.



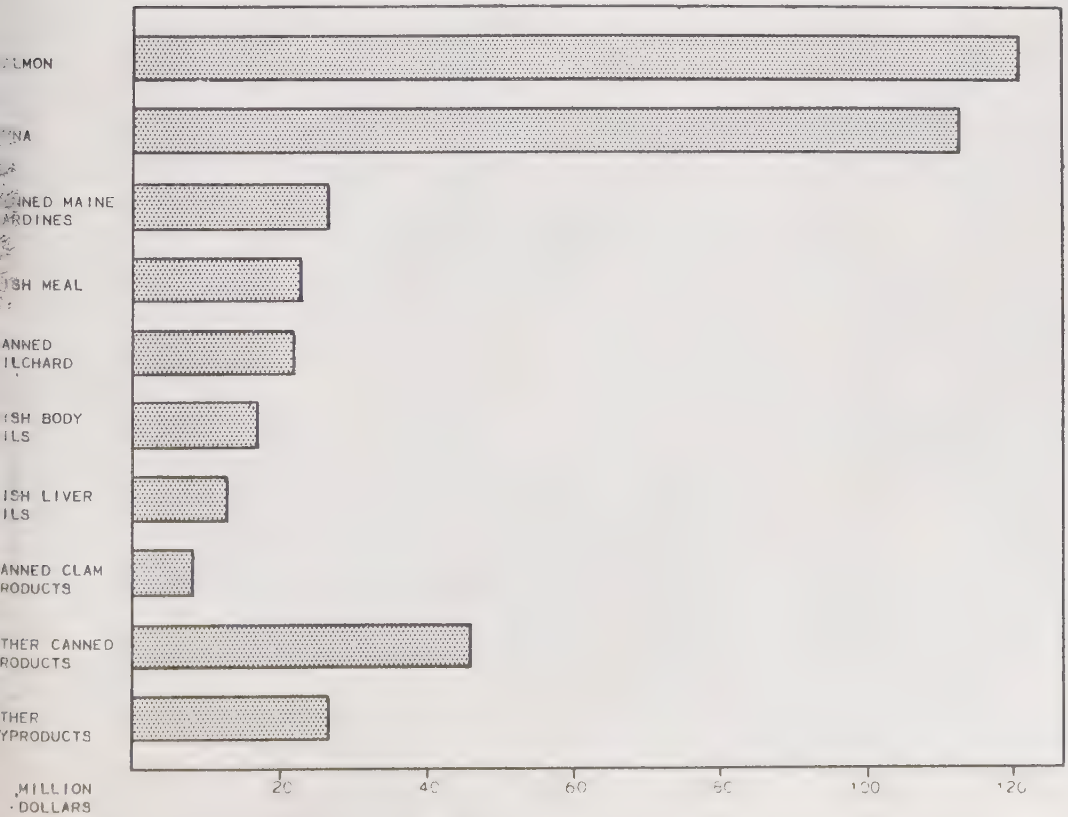
CANNED FISHERY PRODUCTS AND BYPRODUCTS

Canned fishery products and byproducts, valued at $416,047,102, were produced in Alaska and the United States during 1948. This was an increase of 6 percent compared with the previous year, and 235 percent above the average yearly value for the period from 1935 to 1939 inclusive. Canned products accounted for $336,181,479 of the total value, and byproducts, $79,865,623. The gain in value resulted from increased production of canned fish, as the value of byproducts was $726,704 less than in 1947. The total poundage of canned fish and shellfish produced during the year amounted to 782,208,321 pounds. This was an increase of over 28 million pounds compared with the previous year. Canned fishery products were packed in 489 plants during 1948, while byproducts were produced in 298 plants. The total number of plants producing these products, exclusive of duplication, was 711.

Record packs of tuna and crab meat were canned during the year. The pack of tuna, which amounted to 7,037,758 cases, exceeded the 1947 production by over 1,100,000 cases. This was the fourth successive year in which record tuna packs were canned. The 1948 pack of canned crab meat, which totaled 220,802 standard cases, exceeded the previous record established in 1946 by 21,724 cases. Eighty-five percent of the 1948 crab pack consisted of Dungeness and king crab meat canned in the Pacific Coast States and Alaska.

The production of fish meal amounted to 199,544 tons, and that of fish oil, excluding fish liver oils, amounted to 16,343,474 gallons. These yields were far below the record 243,778 tons of meal and 39,550,418 gallons of oil produced in 1936. The yield of menhaden scrap and meal, which totaled 104,058 tons in 1948 was the largest in the history of the fishery. The reduced production of meal and oil resulted from the continued failure of the Pacific pilchard fishery. The catch of these fish, which are used for both canning and reduction, amounted to 373,000,000 pounds, over 100,000,000 pounds above the low 1947 yield, but only 30 percent of the average catch during the period of peak production from 1935 to 1939 inclusive.

VALUE OF THE PRODUCTION OF CANNED
FISHERY PRODUCTS AND BYPRODUCTS, 1948



SUMMARY OF PRODUCTION, 1948

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
SALMON:					
UNITED STATES	53	810,075	48	38,883,600	$24,008,4
ALASKA	123	4,014,891	48	192,714,768	96,528,7
TOTAL SALMON	176	4,824,966		231,598,368	120,537,1
SARDINES:					
MAINE	47	3,060,842	20.3	62,135,093	26,921,9
CALIFORNIA	54	2,654,149	45	119,436,705	21,892,8
TUNA AND TUNALIKE FISHES:					
SOLID MEAT	63	4,334,103	21	91,016,163	73,276,7
FLAKES AND GRATED	55	2,703,655	18	48,665,790	39,335,5
TOTAL TUNA	65	7,037,758		139,681,953	112,612,2
ALEWIVES	19	123,134	45	5,541,030	639,3
ANCHOVIES	23	66,994	48	3,215,712	755,4
HERRING, SEA	35	326,448	45	14,690,160	2,823,9
MACKEREL (INCLUDING JACK MACKEREL)	68	1,281,192	45	57,653,640	9,850,8
SALMON, SMOKED	5	172	48	8,256	8,4
SHAD	20	14,773	45	664,785	136,8
FISH ANIMAL FOOD	16	1,323,808	48	63,542,784	6,971,0
FISH CAKES	10	192,357	48	9,233,136	2,425,5
FISH FLAKES, GROUNDFISH	8	35,014	42	1,470,588	548,1
FISH SPREAD AND PASTE	4	895	48	42,960	16,8
FISH, SMOKED OR KIPPERED	11	9,759	48	468,432	208,7
FISH, MISCELLANEOUS	9	34,421	48	1,652,208	524,01
ROE AND CAVIAR:					
ALEWIFE	30	22,658	48	1,087,584	401,4
DEEP-SEA ROE	3	5,629	48	270,192	84,1
HERRING ROE	3	3,478	48	166,944	35,8
MACKEREL ROE	4	945	48	45,360	12,1
SHAD ROE	13	3,075	48	147,600	208,0
SALMON EGGS (FOR BAIT)	6	7,539	48	361,872	160,7
MISCELLANEOUS ROE	3	2,606	48	125,088	45,4
WHITEFISH CAVIAR	5	2,389	48	114,672	107,71
MISCELLANEOUS CAVIAR	3	2,310	48	110,880	417,6
TOTAL ROE AND CAVIAR	59	50,629		2,430,192	1,473,3
TOTAL FISH PRODUCTS	-	21,037,311		713,466,002	308,346,8
CLAM PRODUCTS:					
WHOLE AND MINCED	36	173,194	15	1/ 2,597,910	2,029,4
CHOWDER, JUICE, BROTH AND NECTAR	20	1,006,580	30	1/ 30,197,400	6,300,1
CRABS, NATURAL	53	220,802	19.5	4,305,639	4,846,4
CRABS, MISCELLANEOUS PREPARATIONS	6	3,352	48	160,896	102,3
LOBSTER BISQUE, NEWBERG, SOUP, AND STEW.	3	5,284	48	253,632	146,8
OYSTERS:					
NATURAL	48	357,080	14	2/ 4,999,120	4,777,5
SMOKED	4	1,036	48	49,728	82,4
MISCELLANEOUS PREPARATIONS	8	2,753	48	132,144	57,9
SHRIMP, WET PACK	57	558,870	15	2/ 8,383,050	7,791,31
SHRIMP, MISCELLANEOUS PREPARATIONS	9	2,594	48	124,512	95,5
SQUID	20	349,799	48	16,790,352	1,373,81
TERRAPIN AND TURTLE:					
MEAT	4	940	48	45,120	30,89
SOUP AND STEW	7	11,820	48	567,360	138,75
SHELLFISH, MISCELLANEOUS	7	2,822	48	135,456	61,04
TOTAL SHELLFISH	-	2,696,926		68,742,319	27,834,6
TOTAL CANNED	489	23,734,237		782,208,321	336,181,4
		UNIT		QUANTITY	VALUE
BYPRODUCTS:					
MARINE-ANIMAL SCRAP AND MEAL	194	TONS		199,544	23,088,73
MARINE-ANIMAL OILS:					
WHOLE FISH AND WASTE	134	GALLONS		16,343,474	18,475,15
LIVER	27	DO		740,137	12,507,65
OYSTER AND MARINE CLAM-SHELL PRODUCTS	25	TONS		345,075	2,474,49
FRESH WATER MUSSEL-SHELL PRODUCTS	18	--		-	5,447,12
MARINE PEARL-SHELL BUTTONS	24	GROSS		4,974,073	8,587,01
LIQUID GLUE	5	GALLONS		215,400	502,04
FISH SOLUBLES	12	POUNDS		32,117,494	1,471,72
MISCELLANEOUS BYPRODUCTS	17	--		-	7,311,69
TOTAL BYPRODUCTS	298	--		-	79,865,62
GRAND TOTAL	3/ 711	--		-	416,047,10

1/ "CUT OUT" OR "DRAINED" WEIGHTS OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND THE GROSS CAN CONTENTS FOR OTHER CLAM PRODUCTS.

2/ DRAINED WEIGHT.

3/ EXCLUSIVE OF DUPLICATION.

NOTE:--LISTS OF CANNERS AND MANUFACTURES OF FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES CAN BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C.

VALUE OF THE PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS: BY STATES, 1948

STATE	CANNED	BYPRODUCTS	TOTAL
AINE	$33,379,034	$2,633,310	$36,012,344
ASSACHUSETTS	6,098,812	6,173,336	12,272,148
ONNECTICUT	-	1,914,499	1,914,499
HODE ISLAND, NEW HAMPSHIRE, AND OHIO	423,786	-	423,786
EW YORK	912,681	5,098,060	6,010,741
EW JERSEY	4,205,768	5,916,273	10,122,041
ENNSYLVANIA	1/ 1,275,693	(1)	1,275,693
ELAWARE AND ILLINOIS	-	3,803,435	3,803,435
ARYLAND	1,376,724	2,180,529	3,557,253
IRGINIA	523,249	3,333,406	3,856,655
ORTH CAROLINA	315,863	4,012,556	4,328,419
OUTH CAROLINA	819,807	83,743	903,550
EORGIA	1/ 338,086	(1)	338,086
LORIDA	(1)	1/ 1,852,592	1,852,592
LABAMA	1/ 463,318	(1)	463,318
ISSISSIPPI	2,265,708	1,720,441	3,986,149
OUISIANA	7,908,125	3,373,708	11,281,833
EXAS	-	912,899	912,899
INNESOTA, MISSOURI, WISCONSIN, AND MICHIGAN	409,632	93,795	503,427
OWA	-	4,359,463	4,359,463
ASHINGTON	18,497,700	6,456,418	24,954,118
REGON	21,926,969	700,806	22,627,775
ALIFORNIA	137,876,592	18,608,104	156,484,696
LASKA	97,657,187	6,144,995	103,802,182
ACTUAL VALUE OF CANNED PRODUCTS AND BYPRODUCTS . .	336,181,479	79,865,623	416,047,102

/ CANNED AND BYPRODUCTS COMBINED WHEN LESS THAN THREE FIRMS IN A STATE REPORTED IN EITHER CATEGORY.

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	PRIOR TO 1938	1939 AND 1940	1941	1942	1943	1944 TO 1947	1948
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
ARDINES:							
MAINE AND MASSACHUSETTS . .	25	25	25	20.3	20.3	20.3	20.3
CALIFORNIA AND OREGON . . .	48	48	48	45	45	45	45
UNA AND TUNALIKE FISHES:							
SOLID	24	24	21	22.5	22.5	21	21
FLAKES	24	24	21	18	18	18	18
ACKEREL	48	48	48	45	45	45	45
EWIVES	48	48	48	48	45	45	45
RRING, SEA	48	48	48	45	45	45	45
AD	48	48	48	48	48	45	45
SH FLAKES	48	48	48	48	48	42	42
STERS	15	15	15	15	22.5	22.5	14
RIMP, WET PACK	17.25	17.25	17.25	21	21	21	15
AM PRODUCTS:							
WHOLE AND MINCED	15	15	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30	30	30
ABS	48	39	39	39	39	39	19.5
OTHER	48	48	48	48	48	48	48

TE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE STATISTICAL REPORTS FOR THE YEARS INDICATED. THE FIGURES SHOWN FOR 1948 WERE USED FOR ALL ITEMS SHOWN IN THIS REPORT INCLUDING HE HISTORICAL FIGURES ON PAGE 42.

PLANTS ENGAGED IN THE PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS, 1948

STATE	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION	STATE	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION
				S. ATLANTIC AND			
EW ENGLAND:				GULF - CONT'D:			
MAINE	56	17	70	ALABAMA . . .	3	1	3
MASSACHUSETTS .	17	14	29	MISSISSIPPI .	18	4	22
CONNECTICUT . .	-	3	3	LOUISIANA . .	39	35	74
RHODE ISLAND .	1	-	1	TEXAS	-	3	3
NEW HAMPSHIRE .	1	-	1	TOTAL . . .	80	71	147
TOTAL . . .	75	34	104	GREAT LAKES AND			
IDDLE ATLANTIC:				MISS. RIVER:			
NEW YORK . . .	12	8	20	MINNESOTA . .	1	2	2
NEW JERSEY . .	2	21	23	MISSOURI . .	-	1	1
PENNSYLVANIA .	1	7	8	WISCONSIN . .	1	-	1
DELAWARE . . .	-	2	2	IOWA	-	12	12
TOTAL . . .	15	38	53	MICHIGAN . .	1	-	1
HESAPEAKE BAY:				OHIO	1	-	1
MARYLAND . . .	12	7	18	ILLINOIS . .	-	1	1
VIRGINIA . . .	14	13	25	TOTAL . . .	4	16	19
TOTAL . . .	26	20	43	PACIFIC COAST:			
.ATLANTIC & GULF:				WASHINGTON . .	68	12	79
N. CAROLINA . .	12	14	24	OREGON	23	10	27
S. CAROLINA . .	4	3	6	CALIFORNIA . .	67	74	92
GEORGIA	2	1	3	TOTAL . . .	158	96	198
FLORIDA	2	10	12	ALASKA	131	23	147
				GRAND TOTAL	489	298	711

PACK OF CANNED SALMON: STANDARD CASES, 1948

SPECIES AND CAN SIZE	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL	2,086	$50,365	23,172	$579,659	2,254	$54,401	27,512	$684,425
1-POUND FLAT	-	-	706	18,400	1,941	58,230	2,647	76,630
1/2-POUND FLAT	3,599	110,620	10,510	322,891	9,691	366,108	23,800	799,619
TOTAL	5,685	160,985	1/ 34,388	920,950	13,886	478,739	53,959	1,560,674
CHUM OR KETA:								
1-POUND TALL	392,526	7,923,137	266,006	5,310,360	81,197	1,660,208	739,729	14,893,705
1-POUND FLAT	-	-	4,652	93,272	-	-	4,652	93,272
1/2-POUND FLAT	14,867	326,452	22,196	571,719	444	11,096	37,507	909,267
TOTAL	407,393	8,249,589	292,854	5,975,351	81,641	1,671,304	781,888	15,896,244
PINK:								
1-POUND TALL	645,817	14,710,148	601,167	13,303,774	3,249	72,686	1,250,233	28,086,608
1-POUND FLAT	-	-	6	108	-	-	6	108
1/2-POUND FLAT	38,625	1,032,332	15,616	422,934	-	-	54,241	1,455,266
TOTAL	684,442	15,742,480	616,789	13,726,816	3,249	72,686	1,304,480	29,541,982
RED OR SOCKEYE:								
1-POUND TALL	19,131	500,126	218,037	5,547,741	1,206,673	30,843,368	1,443,841	36,891,235
1-POUND FLAT	-	-	9,228	254,897	30,991	817,298	40,219	1,072,195
1/2-POUND FLAT	20,576	754,646	94,736	3,363,116	40,530	1,452,712	155,842	5,570,474
TOTAL	39,707	1,254,772	1/ 322,001	9,165,754	1,278,194	33,113,378	1,639,902	43,533,904
SILVER OR COHO:								
1-POUND TALL	105,478	2,567,372	56,180	1,302,114	5,309	123,305	166,967	3,992,791
1-POUND FLAT	-	-	1,849	44,900	-	-	1,849	44,900
1/2-POUND FLAT	53,746	1,626,355	11,700	322,242	51	1,498	65,497	1,950,095
TOTAL	159,224	4,193,727	1/ 69,729	1,669,256	5,360	124,803	234,313	5,987,786
STEELHEAD:								
1-POUND TALL	319	7,337	9	180	-	-	328	7,517
1/2-POUND FLAT	21	623	-	-	-	-	21	623
TOTAL	340	7,960	9	180	-	-	349	8,140
GRAND TOTAL	1,296,791	29,609,513	1,335,770	31,458,307	1,382,330	35,460,910	4,014,891	96,528,730

1/ INCLUDES A SMALL PACK OF TIPS AND TAILS.

CONTINUED ON NEXT PAGE

PACK OF CANNED SALMON: STANDARD CASES, 1948 - Continued

SPECIES AND CAN SIZE	UNITED STATES								GRAND TOTAL, UNITED STATES AND ALASKA	
	WASHINGTON		OREGON		CALIFORNIA		TOTAL			
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:										
1-POUND TALL	11,411	$262,383	20,056	$459,133	-	-	31,467	$721,516	58,979	$1,405,941
1-POUND FLAT	-	-	13,327	361,006	-	-	13,327	361,006	15,974	437,636
1/2-POUND FLAT	32,807	1,060,194	186,562	7,327,331	10,811	$353,676	230,180	8,741,201	253,980	9,540,820
1/4-POUND FLAT	545	18,407	8,829	331,049	-	-	9,374	349,456	9,374	349,456
OTHER	8	173	304	11,382	606	12,419	918	23,974	918	23,974
TOTAL	44,771	1,341,157	229,078	8,489,901	11,417	366,095	285,266	10,197,153	339,225	11,757,827
CHUM OR KETA:										
1-POUND TALL	232,422	4,378,066	17,971	343,134	-	-	250,393	4,721,200	990,122	19,614,905
1-POUND FLAT	-	-	-	-	-	-	-	-	4,652	93,272
1/2-POUND FLAT	18,734	445,808	4,834	100,450	-	-	23,568	546,258	61,075	1,455,525
OTHER	2,197	52,019	-	-	-	-	2,197	52,019	2,197	52,019
TOTAL	253,353	4,875,893	22,805	443,584	-	-	276,158	5,319,477	1,058,046	21,215,721
PINK:										
1-POUND TALL	1,540	33,650	-	-	-	-	1,540	33,650	1,251,773	28,120,258
1-POUND FLAT	-	-	-	-	-	-	-	-	6	108
1/2-POUND FLAT	2,928	82,626	-	-	-	-	2,928	82,626	57,169	1,537,892
OTHER	12	375	-	-	-	-	12	375	12	375
TOTAL	4,480	116,651	-	-	-	-	4,480	116,651	1,308,960	29,658,633
RED OR SOCKEYE:										
1-POUND TALL	641	16,173	-	-	-	-	641	16,173	1,444,482	36,907,408
1-POUND FLAT	-	-	-	-	-	-	-	-	40,219	1,072,195
1/2-POUND FLAT	92,085	3,827,852	796	34,088	-	-	92,881	3,861,940	248,723	9,432,414
1/4-POUND FLAT	3,932	182,713	453	21,859	-	-	4,385	204,572	4,385	204,572
TOTAL	96,658	4,026,738	1,249	55,947	-	-	97,907	4,082,685	1,737,809	47,616,589
SILVER OR COHO:										
1-POUND TALL	21,976	514,648	7,426	180,784	-	-	29,402	695,432	196,369	4,688,223
1-POUND FLAT	-	-	-	-	-	-	-	-	1,849	44,900
1/2-POUND FLAT	56,913	1,635,241	18,858	612,068	-	-	75,771	2,247,309	141,268	4,197,404
1/4-POUND FLAT	5,686	168,136	14,523	501,986	-	-	20,209	670,122	20,209	670,122
OTHER	265	7,394	-	-	-	-	265	7,394	265	7,394
TOTAL	84,840	2,325,419	40,807	1,294,838	-	-	125,647	3,620,257	359,960	9,608,043
STEELHEAD:										
1-POUND TALL	-	-	4,588	98,945	-	-	4,588	98,945	4,916	106,462
1/2-POUND FLAT	-	-	15,441	546,404	-	-	15,441	546,404	15,462	547,027
1/4-POUND FLAT	-	-	588	26,894	-	-	588	26,894	588	26,894
TOTAL	-	-	20,617	672,243	-	-	20,617	672,243	20,966	680,383
GRAND TOTAL	484,102	12,685,858	314,556	10,956,513	11,417	366,095	810,075	24,008,466	4,824,966	120,537,196

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS, EACH CONTAINING 16 OUNCES. SALMON WERE CANNED AT 35 PLANTS IN WASHINGTON, 14 IN OREGON, 4 IN CALIFORNIA, AND 123 IN ALASKA.

SUPPLEMENTARY REVIEW OF THE PACIFIC COAST STATES SALMON PACK, 1948
BY DISTRICTS - STANDARD CASES

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING . .	30,102	$797,931	234,165	$8,730,172	20,999	$669,050	285,266	$10,197,
CHUM OR KETA . . .	238,690	4,608,128	28,486	548,003	8,982	163,346	276,158	5,319,
PINK	4,480	116,651	-	-	-	-	4,480	116,
RED OR SOCKEYE . .	90,531	3,789,441	3,357	140,242	4,019	153,002	97,907	4,082,
SILVER OR COHO . .	68,210	1,908,789	38,245	1,185,354	19,192	526,114	125,647	3,620,
STEELHEAD	-	-	20,617	672,243	-	-	20,617	672,
TOTAL	432,013	11,220,940	324,870	11,276,014	53,192	1,511,512	810,075	24,008,

PACK OF MAINE SARDINES (SEA HERRING), 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
IN SOYBEAN OR OTHER VEGETABLE OIL (REGULAR PACK)	2,733,367	$23,898,248	3-1/4 OUNCES NET (100 CANS) . .	2,885,909	$25,915,
IN SOYBEAN OR OTHER VEGETABLE OIL (FILLETS)	21,302	199,020	10 OUNCES NET (48 CANS)	86,308	721,
IN MUSTARD SAUCE	231,572	2,444,298	OTHER SIZES CONVERTED TO 3-1/4 OUNCES NET (100 CANS)	47,463	284,
IN TOMATO SAUCE	18,045	104,015			
IN SOYBEAN OIL, SMOKED OR KIPPERED	51,985	236,445			
OTHER 1/	4,571	39,900	TOTAL	3,019,680	26,921,
TOTAL	3,060,842	26,921,926			

1/ INCLUDES SPECIAL PACKS OF SARDINES (SEA HERRING) IN OLIVE OIL, SPICED OIL, PEANUT OIL, AND SOYBEAN OIL.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-1/4 OUNCES NET) TO THE CASE. SARDINES (SEA HERRING) WERE CANNED IN 44 PLANTS IN MAINE, AND ONE PLANT EACH IN MASSACHUSETTS, NEW HAMPSHIRE, AND MARYLAND.

PACK OF ATLANTIC COAST SEA HERRING, 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALU
NATURAL OR IN SOYBEAN OR OTHER VEGETABLE OIL 1/	88,960	$649,092	15 OUNCES NET (48 CANS) . . .	275,645	$2,392,
IN MUSTARD SAUCE	48,528	485,429	OTHER SIZES CONVERTED TO 15 OUNCES NET (48 CANS) . .	4,743	44,
IN TOMATO SAUCE	142,900	1,302,667			
TOTAL	280,388	2,437,188	TOTAL	280,388	2,437,

1/ INCLUDES A SMALL QUANTITY KIPPERED, JELLIED, OR PICKLED.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. TALL CANS, EACH ONE CONTAINING 15 OUNCES NET WEIGHT OF FISH. SEA HERRING WERE CANNED IN 13 PLANTS IN MAIN 4 IN MASSACHUSETTS, 1 IN NEW HAMPSHIRE, 3 IN MARYLAND, AND 1 IN NEW JERSEY.

PACK OF CALIFORNIA SARDINES (PILCHARDS),1/ 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
NATURAL, WITHOUT SAUCE OR OIL	1,216,919	$8,153,851	1-POUND CANS:		
IN TOMATO SAUCE	1,296,750	12,256,841	15 OUNCES NET, TALL (48 CANS) .	1,137,424	$7,120
IN MUSTARD SAUCE	93,300	844,127	15 OUNCES NET, OVAL (48 CANS) .	967,130	8,170
OTHER 2/	47,180	638,074	1/2-POUND CANS:		
			8 OUNCES NET, TALL (48 CANS) .	61,150	315
TOTAL	2,654,149	21,892,893	8 OUNCES NET, OBLONG (48 CANS)	698,946	4,353
			8 OUNCES NET (96 CANS)	81,214	886
			5 OUNCES NET (100 CANS)	127,200	1,046
			TOTAL	3,073,064	21,892

1/ INCLUDES THE PACK CANNED IN OREGON.
2/ INCLUDES SPECIAL PACKS OF SARDINES (PILCHARDS) IN SOYBEAN OIL; IN OLIVE OIL AND TOMATO SAUCE; FILLETS, NATURAL, IN SOYBEAN OIL, IN OLIVE OIL, AND IN TOMATO SAUCE.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. TALL CANS (15 OUNCES NET). SARDINES (PILCHARDS) WERE CANNED IN 51 PLANTS IN CALIFORNIA, AND 3 PLANTS IN OREGON.

PACK OF PACIFIC COAST SEA HERRING, 1948

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZES	ACTUAL CASES	VALUE
URAL 1/	12,092	$98,772	15 OUNCES NET (48 CANS)	30,699	$226,696
TOMATO SAUCE	33,968	288,034	OTHER SIZES CONVERTED TO 15 OUNCES NET (48 CANS)	15,361	160,110
TOTAL	46,060	386,806	TOTAL	46,060	386,806

INCLUDES A SMALL PACK IN SOYBEAN OIL.
E:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1
ALL CANS, EACH CAN CONTAINING 15 OUNCES NET WEIGHT OF FISH. SEA HERRING WERE CANNED IN 13 PLANTS IN
ALIFORNIA.

PACK OF CANNED TUNA AND TUNA-LIKE FISHES: STANDARD CASES, 1948

SPECIES	CALIFORNIA		WASHINGTON & OREGON		MAINE, MASSACHUSETTS, NEW YORK, AND MARYLAND		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ACORE:								
OLID	648,780	$12,965,169	294,764	$6,425,800	-	-	943,544	$19,390,969
LAKES . . .	231,034	3,401,768	124,665	1,766,581	-	-	355,699	5,168,349
TOTAL . . .	879,814	16,366,937	419,429	8,192,381	-	-	1,299,243	24,559,318
LOWFIN:								
OLID	2,200,494	35,526,719	78,563	1,355,212	-	-	2,279,057	36,881,931
LAKES . . .	1,691,118	24,735,680	47,778	735,224	-	-	1,738,896	25,470,904
TOTAL . . .	3,891,612	60,262,399	126,341	2,090,436	-	-	4,017,953	62,352,835
EFIN:								
OLID	1/ 87,155	1,462,559	-	-	-	-	1/ 87,155	1,462,559
LAKES . . .	1/ 61,623	915,520	-	-	-	-	1/ 61,623	915,520
TOTAL . . .	1/ 148,778	2,378,079	-	-	-	-	1/ 148,778	2,378,079
PJACK:								
OLID	629,955	10,068,682	14,772	251,760	-	-	644,727	10,320,442
LAKES . . .	396,751	5,836,980	8,960	138,082	-	-	405,711	5,975,062
TOTAL . . .	1,026,706	15,905,662	23,732	389,842	-	-	1,050,438	16,295,504
O:								
ID	151,327	1,966,625	-	-	-	-	151,327	1,966,625
AKES . . .	34,036	425,721	-	-	-	-	34,036	425,721
OTAL . . .	185,363	2,392,346	-	-	-	-	185,363	2,392,346
WTAIL:								
LID	112,254	1,349,405	-	-	-	-	112,254	1,349,405
KES . . .	76,522	889,577	-	-	-	-	76,522	889,577
OTAL . . .	188,776	2,238,982	-	-	-	-	188,776	2,238,982
SPECIES:								
D	-	-	-	-	2/ 26,872	2/$362,288	26,872	362,288
AKES . . .	27,780	437,075	3,388	53,361	(2)	(2)	31,168	490,436
OTAL . . .	27,780	437,075	3,388	53,361	26,872	362,288	58,040	852,724
O, SOLID .	89,167	1,542,508	-	-	-	-	89,167	1,542,508
TOTAL, SOLID	3,919,132	64,881,667	388,099	8,032,772	2/ 26,872	2/ 362,288	4,334,103	73,276,727
TOTAL, FLAKES	2,518,864	36,642,321	184,791	2,693,248	(2)	(2)	2,703,655	39,335,569
GRAND TOTAL	6,437,996	101,523,988	572,890	10,726,020	26,872	362,288	7,037,758	112,612,296

INCLUDES A FEW CASES OF ATLANTIC COAST LITTLE TUNA, PACKED IN CALIFORNIA.
FEW CASES OF FLAKES CONVERTED TO SOLID PACK WEIGHT HAVE BEEN INCLUDED WITH THE PRODUCTION OF SOLID PACK.
:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 NA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID MEAT OR 6 OUNCES NET WEIGHT OF FLAKES OR ATED. THE TOTAL PACK IN WASHINGTON AMOUNTED TO 64,432 CASES OF SOLID PACK, VALUED AT $1,305,765 AND 25,821 SES OF FLAKES, VALUED AT $337,932; WHILE THAT IN OREGON TOTALED 323,667 CASES OF SOLID PACK, VALUED AT ,727,007, AND 158,970 CASES OF FLAKES, VALUED AT $2,355,316. THE ACTUAL CASES PACKED WERE AS FOLLOWS: 891,649 CASES WERE PACKED IN THE NO. 1/2 TUNA (48 CANS TO THE CASE); 72,717 CASES WERE PACKED IN THE NO. 1 NA (48 CANS TO THE CASE) EACH CAN CONTAINING 13 OUNCES NET WEIGHT OF SOLID MEAT OR 12 OUNCES NET WEIGHT OF AKES OR GRATED MEAT; AND 614 CASES OF MISCELLANEOUS SIZED CASES. TUNA AND TUNA-LIKE FISHES WERE CANNED IN PLANTS IN CALIFORNIA, 14 IN WASHINGTON, 13 IN OREGON, 3 IN MASSACHUSETTS, 2 EACH IN MAINE AND MARYLAND, D 1 IN NEW YORK.

PACK OF CANNED MACKEREL, 1948[1/]

PRODUCT	CASES	VALUE
STANDARD CASES		
CALIFORNIA:		
NATURAL 2/	955,251	$6,972,308
IN TOMATO SAUCE	63,722	569,623
TOTAL	1,018,973	7,541,931
MAINE	13,980	119,099
MASSACHUSETTS 3/	196,937	1,761,884
MARYLAND AND VIRGINIA	51,302	427,920
TOTAL	262,219	2,308,903
GRAND TOTAL	1,281,192	9,850,834

SIZE	CASES	VALUE
ACTUAL CASES		
15 OUNCES NET, TALL (48 CANS) .	1,023,660	$7,447
15 OUNCES NET, OVAL (48 CANS) .	121,084	1,003
15 OUNCES NET (24 CANS)	136,766	570
14 OUNCES NET (24 CANS)	18,863	80
8 OUNCES NET (48 CANS)	8,043	50
OTHER SIZES (STANDARD CASES) .	54,973	698
TOTAL	1,363,389	9,850

1/ INCLUDES THE PACK OF JACK MACKEREL IN CALIFORNIA.
2/ INCLUDES SMALL QUANTITY OF FILLETS.
3/ INCLUDES SMALL QUANTITY OF TAIL TIPS.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS TO THE CASE, EACH CAN CONTAINING 15 OUNCES OF FISH. MACKEREL WERE CANNED IN 48 PLANTS IN CALIFORNIA, 8 PLANTS IN MASSACHUSETTS, 5 PLANTS IN MAINE, 6 PLANTS IN MARYLAND, AND 1 PLANT IN VIRGINIA.

PACK OF CANNED SHAD, 1948

STATE	STANDARD CASES	VALUE
MARYLAND 1/	1,371	$14,172
VIRGINIA, NORTH CAROLINA, & FLORIDA	1,494	12,483
OREGON	8,923	84,480
WASHINGTON AND CALIFORNIA	2,985	25,716
TOTAL	14,773	136,851

CAN AND CASE SIZE	STANDARD CASES	VAL
15 OUNCES NET (48 CANS)	11,870	$104
OTHER SIZES CONVERTED TO 15 OUNCES NET (48 CANS)	2,903	32
TOTAL	14,773	136

1/ PRINCIPALLY FILLETS.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. TALL CANS TO THE CASE, EACH CAN CONTAINING 15 OUNCES OF FISH. SHAD WERE CANNED IN 4 PLANTS IN MARYLAND; 1 PLANT EACH IN VIRGINIA, NORTH CAROLINA, AND FLORIDA; 8 PLANTS IN OREGON; 2 IN WASHINGTON; AND 3 IN CALIFORNIA.

PACK OF CANNED ALEWIVES: STANDARD CASES, 1948

STATE	CASES	VALU
MARYLAND	76,340	$410,
VIRGINIA	46,794	228,
TOTAL	123,134	639,

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15-OUNCE CANS. ALEWIVES WERE CANNED IN 7 PLANTS IN MARYLAND AND 12 PLANTS IN VIRGINIA. A SMALL PACK OF KIPPERED ALEWIVES PRODUCED IN MASSACHUSETTS IS INCLUDED WITH MISCELLANEOUS SMOKED FISH.

PACK OF CANNED ANCHOVIES, 1948

STANDARD CASES		
STATE AND STYLE OF PACK	CASES	VALUE
CALIFORNIA:		
NATURAL	44,808	$529,683
IN TOMATO SAUCE	22,186	225,775
TOTAL STANDARD CASES	66,994	755,458

ACTUAL CASES		
CAN AND CASE SIZES	CASES	VALU
8 OUNCES NET (48 CANS)	59,897	$317,
8 OUNCES NET (96 CANS)	19,965	272,
16 OUNCES NET (48 CANS) . . .	1/ 17,081	1/ 165,
TOTAL ACTUAL CASES . . .	96,943	755,

1/ INCLUDES A SMALL PACK OF CANS CONTAINING 4 OUNCES EACH, PACKED 48 CANS TO THE CASE.
NOTE:--"STANDARD CASES" REPRESENT THE PACK OF 48 CANS, EACH CONTAINING 16 OUNCES. ANCHOVIES WERE CANNED IN PLANTS IN CALIFORNIA.

PACK OF CANNED GROUNDFISH FLAKES: STANDARD CASES, 1948

STATE	CASES	VALUE
NE	8,616	$137,423
SACHUSETTS	26,398	410,690
TOTAL	35,014	548,113

TE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 14 OUNCES. GROUNDFISH FLAKES WERE CANNED IN 4 PLANTS IN MAINE AND 4 IN MASSACHUSETTS.

PACK OF CANNED ANIMAL FOOD FROM FISHERY PRODUCTS, 1948

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
NE AND NEW YORK	292,381	$1,728,401	8 OUNCES NET (48 CANS)	1,510,769	$4,417,523
SSACHUSETTS	259,964	1,130,035	15 1/2 OUNCES NET (48 CANS) .	63,887	218,105
RGINIA AND WASHINGTON	9,903	30,700	16 OUNCES NET (48 CANS) . . .	345,656	1,666,303
LIFORNIA	761,560	4,081,867	OTHER SIZES (STANDARD CASES) .	160,876	669,072
TOTAL	1,323,808	6,971,003	TOTAL	2,081,188	6,971,003

TE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES. ANIMAL FOOD WAS CANNED IN 6 PLANTS IN MASSACHUSETTS, 2 PLANTS EACH IN MAINE AND WASHINGTON, 1 PLANT EACH IN NEW YORK AND VIRGINIA, AND 4 PLANTS IN CALIFORNIA.

PACK OF CANNED FISH ROE AND CAVIAR. 1948

PRODUCT	STANDARD CASES	VALUE	STATES IN WHICH PRODUCED AND NUMBER OF PLANTS
:			
EWIFE	22,658	$401,416	MARYLAND 7, VIRGINIA 14, NORTH CAROLINA 9
EP-SEA	5,629	84,173	MASSACHUSETTS 3
RRING	3,478	35,883	MAINE 2, MASSACHUSETTS 1
CKEREL	945	12,197	MASSACHUSETTS 1, MARYLAND 3
IAD	3,075	208,079	MARYLAND 1, VIRGINIA 1, FLORIDA 1, WASHINGTON 1, OREGON 7, CALIFORNIA 2
ISCELLANEOUS, INCLUDING TROUT, POLLOCK, YELLOWTAIL, AND MENHADEN	2,606	45,466	MASSACHUSETTS 1, VIRGINIA 1, NORTH CAROLINA 1
AR:			
ITEFISH	2,389	107,710	NEW YORK 4, WISCONSIN 1
SCELLANEOUS, INCLUDING SALMON, STURGEON, AND CARP	2,310	417,640	NEW YORK 2, VIRGINIA 1
TOTAL EDIBLE ROE AND CAVIAR	43,090	1,312,564	
ON EGGS (FOR BAIT)	7,539	160,756	WASHINGTON 5, OREGON 1
GRAND TOTAL	50,629	1,473,320	

TE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 16 OUNCES EACH.

SUPPLEMENTARY REVIEW OF PACK OF CANNED FISH ROE AND CAVIAR: BY STATES, 1948

STATE	NUMBER OF PLANTS (EXCLUSIVE OF DUPLICATION)	STANDARD CASES	VALUE	STATE - CONT'D	NUMBER OF PLANTS (EXCLUSIVE OF DUPLICATION)	STANDARD CASES	VALUE
INE	2	} 11,430	}$159,772	FLORIDA	1	} 1,367	} $72,553
SSACHUSETTS .	5			WISCONSIN . . .	1		
W YORK . . .	4	3,541	463,534	CALIFORNIA . .	2		
RYLAND . . .	7	7,572	175,307	WASHINGTON . .	6	7,501	159,166
RGINIA . . .	14	14,371	259,638	OREGON	8	2,292	136,717
RTH CAROLINA	9	2,555	46,633				
				TOTAL . .	59	50,629	1,473,320

PACK OF MISCELLANEOUS CANNED FISHERY PRODUCTS, 1948

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
SALMON, SMOKED	172	$8,454	MASSACHUSETTS 1, OREGON 2, WASHINGTON 1, ALASKA 1
FISH CAKES 1/	192,357	2,425,550	MAINE 4, MASSACHUSETTS 1, NEW YORK 1, VIRGINIA 1, CALIFORNIA 3
FISH SPREAD AND PASTE 2/	895	16,878	MASSACHUSETTS 1, NEW YORK 1, CALIFORNIA 2
FISH, SMOKED OR KIPPERED 3/ . .	9,759	208,717	MASSACHUSETTS 3, MINNESOTA 1, WASHINGTON 2, OREGON 4, CALIFORNIA 1
FISH, MISCELLANEOUS 4/	34,421	524,017	MASSACHUSETTS 2, NEW JERSEY 1, MARYLAND 2, NORTH CAROLINA 1, MICHIGAN 1, MINNESOTA 1, CALIFORNIA 1
SHELLFISH:			
CRAB, MISCELLANEOUS 5/	3,352	102,372	NEW YORK 1, NORTH CAROLINA 1, SOUTH CAROLINA 1, ALABAMA 1, LOUISIANA 1, WASHINGTON 1
LOBSTER BISQUE, ETC. 6/	5,284	146,873	MAINE 1, NEW YORK 1, LOUISIANA 1
OYSTERS, SMOKED	1,036	82,452	LOUISIANA 1, WASHINGTON 3
OYSTERS, MISCELLANEOUS 7/ . . .	2,753	57,904	NEW YORK 1, ALABAMA 1, LOUISIANA 2, WASHINGTON 4
SHRIMP, MISCELLANEOUS 8/	2,594	95,538	NEW YORK 1, SOUTH CAROLINA 1, ALABAMA 1, MISSISSIPPI 1, LOUISIANA 4, WASHINGTON 1
SQUID	349,799	1,373,810	CALIFORNIA 20
TERRAPIN AND TURTLE MEAT	940	30,899	NEW YORK 2, GEORGIA 1, FLORIDA 1
TERRAPIN & TURTLE SOUP & STEW .	11,820	138,754	NEW YORK 2, OHIO 1, GEORGIA 1, FLORIDA 1, LOUISIANA 2
SHELLFISH, MISCELLANEOUS 9/ . .	2,822	61,044	MAINE 1, MASSACHUSETTS 1, NEW YORK 2, LOUISIANA 3
TOTAL	618,004	5,273,262	

1/ INCLUDES COD, HADDOCK, ALEWIFE AND MENHADEN, ROCKFISH, ALBACORE AND LINGCOD, BARRACUDA AND MEXICAN SEA BASS.
2/ INCLUDES HERRING, SALMON, AND TUNA SPREAD; AND SARDINE, FINNAN HADDIE, SMOKED HALIBUT, HERRING AND SALMON PASTE.
3/ INCLUDES SMOKED CARP FLAKES, FINNAN HADDIE, HERRING, SHAD AND STURGEON; AND KIPPERED ALEWIVES, HERRING, SABLEFISH AND STURGEON.
4/ INCLUDES CARP FLAKES, EELS IN JELLY, FISH CHOWDER, MULLET, RED DRUM, WHITING, SALMON IN CHEESE SAUCE, SPANISH MACKEREL, AND TUNA-FISH FRANKFURTERS.
5/ INCLUDES DEVILED CRABS, SOFT SHELL CRABS, AND CRAB GUMBO, BISQUE AND COCKTAILS.
6/ CONSISTS OF LOBSTER BISQUE, NEWBERG, SOUP AND STEW
7/ INCLUDES OYSTER COCKTAILS, CREOLE, STEW; AND SMOKED OYSTER PASTE AND SPREAD.
8/ INCLUDES SHRIMP BISQUE, BALLS, COCKTAILS, CREOLE, CURRY, DEVILED, GUMBO, PASTE, AND SMOKED SHRIMP.
9/ INCLUDES BOUILLABAISSE, CLAM CAKES AND LOAF, CREOLE GUMBO, CONCHS, CRAYFISH BISQUE, FROG LEG NEWBERG; AND SEAFOOD NEWBERG.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 CANS, EACH CONTAININ 16 OUNCES NET WEIGHT.

PACK OF CANNED CRABS, 1948

STANDARD CASES			ACTUAL CASES		
STATE AND SPECIES	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
MARYLAND, NORTH AND SOUTH CAROLINA, GEORGIA, ALABAMA, AND MISSISSIPPI (BLUE) . . .	18,862	$361,200	6 1/2 OUNCES (48 CANS)	188,429	$4,243,07
LOUISIANA (BLUE)	14,520	220,672	6 1/2 OUNCES (24 CANS)	1/ 61,234	1/ 556,07
WASHINGTON (DUNGENESS)	104,362	2,295,905	13 OUNCES (24 CANS)	1,079	25,89
OREGON AND CALIFORNIA (DUNGENESS)	56,982	1,338,349	3 1/4 OUNCES (48 CANS)	1,355	21,45
ALASKA:					
DUNGENESS	8,454	186,368			
KING	17,622	444,000	TOTAL	252,097	4,846,49
TOTAL	220,802	4,846,494			

1/ INCLUDES A SMALL PACK OF 5 OUNCE CANS, PACKED 24 TO THE CASE.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 6 1/2 OUNCES OF CRAB MEAT. CRABS WERE CANNED IN 6 PLANTS IN LOUISIANA, 21 IN WASHINGTON, 9 IN OREGON, 10 IN ALASKA, AND 1 PLANT EACH IN MARYLAND, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, ALABAMA, MISSISSIPPI, AND CALIFORNIA.

PACK OF CANNED OYSTERS, 1948

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	CAN AND CASE SIZES	CASES	VALUE
NORTH CAROLINA, SOUTH CAROLINA AND ALABAMA	73,196	$838,699	4 2/3 OUNCES NET (48 CANS) . . .	209,912	$2,822,89
MISSISSIPPI	85,673	1,157,740	5 OUNCES NET (48 CANS)	70,082	1,162,18
LOUISIANA	114,722	1,486,177	6 1/2 OUNCES NET (48 CANS) . . .	35,927	511,10
WASHINGTON AND OREGON	83,489	1,294,915	8 OUNCES NET (48 CANS)	2,395	56,10
			OTHER SIZES (STANDARD CASES) . .	17,934	225,24
TOTAL	357,080	4,777,531	TOTAL	336,250	4,777,531

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 4 2/3 OUNCES DRAINED WEIGHT OF OYSTER MEATS. OYSTERS WERE CANNED IN 2 PLANTS IN NORTH CAROLINA, 3 IN SOUTH CAROLINA, 13 IN MISSISSIPPI, 18 IN LOUISIANA, 10 IN WASHINGTON, AND 1 EACH IN ALABAMA AND OREGON.

PACK OF CANNED CLAMS AND CLAM PRODUCTS, 1948

PRODUCT, STATE AND NUMBER OF PLANTS	STANDARD CASES					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH AND NECTAR		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
FT CLAMS:						
MAINE (12)	107,177	$1,098,863	166,521	$945,204	273,698	$2,044,067
ZOR CLAMS:						
WASHINGTON (4)	9,393	161,312	-	-	9,393	161,312
ALASKA (11)	27,539	494,402	-	-	27,539	494,402
TOTAL RAZOR CLAMS	36,932	655,714	-	-	36,932	655,714
RD CLAMS: 1/						
MASSACHUSETTS (1) RHODE ISLAND (1) NEW YORK (6)	19,332	164,843	67,072	357,631	86,404	522,474
NEW JERSEY (1) PENNSYLVANIA (1) MARYLAND (1)	-	-	770,685	4,989,857	770,685	4,989,857
WASHINGTON (4)	9,679	108,684	2,100	6,856	11,779	115,540
ALASKA (1)	74	1,380	202	607	276	1,987
TOTAL HARD CLAMS	29,085	274,907	840,059	5,354,951	869,144	5,629,858
GRAND TOTAL (43)	173,194	2,029,484	1,006,580	6,300,155	1,179,774	8,329,639

CAN SIZE AND NUMBER OF CANS TO CASE	ACTUAL CASES					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH AND NECTAR		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
N:						
51 OUNCES (6 CANS)	25,151	$284,073	-	-	25,151	$284,073
96 OUNCES (6 CANS)	-	-	2,922	$21,391	2,922	21,391
51 OUNCES (12 CANS)	-	-	67,793	534,153	67,793	534,153
5 OUNCES (24 CANS)	56,231	339,341	-	-	56,231	339,341
10 OUNCES (24 CANS)	14,483	139,175	15,775	63,879	30,258	203,054
12 OUNCES (24 CANS)	-	-	10,485	27,363	10,485	27,363
15 OUNCES (24 CANS)	-	-	232,531	1,032,023	232,531	1,032,023
20 OUNCES (24 CANS)	-	-	11,964	41,674	11,964	41,674
3 1/2 OUNCES (48 CANS)	16,335	186,487	-	-	16,335	186,487
4 OUNCES (48 CANS)	33,756	486,492	-	-	33,756	486,492
5 OUNCES (48 CANS)	29,540	360,175	-	-	29,540	360,175
8 OUNCES (48 CANS)	2,393	40,015	-	-	2,393	40,015
15 OUNCES (48 CANS)	-	-	135	607	135	607
OTHER SIZES (STANDARD CASES)	26,721	193,726	708,338	4,551,292	735,059	4,745,018
TOTAL TIN PACK	204,610	2,029,484	1,049,943	6,272,382	1,254,553	8,301,866
ASS:						
ISCELLANEOUS SIZES (STANDARD CASES)	-	-	7,556	27,773	7,556	27,773
GRAND TOTAL	204,610	2,029,484	1,057,499	6,300,155	1,262,109	8,329,639

INCLUDES THE PACK OF SURF CLAMS IN NEW YORK.

E:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 CANS, EACH CAN OF WHOLE AND MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH AND NECTAR, 10 OUNCES GROSS CONTENT. THE PRODUCTION OF CANNED WHOLE CLAMS TOTALED 61,850 STANDARD CASES, VALUED AT $760,126; MINCED CLAMS, 111,344 STANDARD CASES, VALUED AT $1,269,358; CLAM CHOWDER, 983,584 STANDARD CASES, VALUED AT $6,219,480; AND CANNED CLAM JUICE, BROTH AND NECTAR, 22,996 STANDARD CASES, VALUED AT $80,675.

PACK OF CANNED SHRIMP, 1948

STANDARD CASES			ACTUAL CASES		
STATE	CASES	VALUE	SIZE	CASES	VALUE
ISSISSIPPI	76,917	$1,095,964	5 OUNCES NET (48 CANS)	1/ 546,126	$7,601,078
OUISIANA	444,543	6,104,539	7 OUNCES NET (48 CANS)	9,103	190,235
EORGIA, ALABAMA AND CALIFORNIA	37,410	590,810	TOTAL	555,229	7,791,313
TOTAL	558,870	7,791,313			

/ INCLUDES A SMALL PACK OF ANOTHER SIZE CONVERTED TO "STANDARD CASES".

OTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 5 OUNCES EACH. SHRIMP WERE CANNED IN 16 PLANTS IN MISSISSIPPI, 37 IN LOUISIANA, 2 IN ALABAMA, AND 1 PLANT EACH IN GEORGIA AND CALIFORNIA.

NUMBER OF PLANTS PRODUCING FISHERY BYPRODUCTS, 1948

PRODUCT	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST AND ALASKA	TOTAL
OYSTER AND MARINE CLAM-SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	16	7	23
SHELL LIME:			
BURNED	2	-	2
UNBURNED	15	6	21
FRESH-WATER MUSSEL-SHELL PRODUCTS:			
BUTTONS	16	-	16
CRUSHED SHELL FOR POULTRY FEED	4	-	4
LIME AND DUST	4	-	4
MISCELLANEOUS MUSSEL-SHELL PRODUCTS	5	-	5
MARINE PEARL-SHELL BUTTONS	24	-	24
ACIDULATED SCRAP, MENHADEN	2	-	2
DRIED SCRAP AND MEAL:			
ANCHOVY	-	6	6
ALEWIFE	1	-	1
CRAB:			
BLUE	8	-	8
DUNGENESS	-	2	2
HORSESHOE	1	-	1
FUR SEAL	-	1	1
GROUNDFISH (INCLUDING ROSEFISH)	10	-	10
HERRING	8	17	25
LOBSTER	1	-	1
MENHADEN	31	-	31
PILCHARD	-	53	53
SALMON	-	8	8
SHARK	1	2	3
SHRIMP	35	-	35
TUNA AND MACKEREL	-	38	38
WHALE:			
MEAT	3	1	4
BONE	-	1	1
MISCELLANEOUS DRIED SCRAP AND MEAL	13	14	27
OIL:			
WHOLE FISH AND FISH WASTE OIL:			
ALEWIFE	1	-	1
ANCHOVY	-	6	6
BLACKFISH	1	-	1
FUR SEAL	-	1	1
HERRING	7	22	29
MENHADEN	30	-	30
PILCHARD	-	53	53
ROSEFISH	3	-	3
SALMON:			
EDIBLE	-	3	3
INDUSTRIAL	-	9	9
TUNA AND MACKEREL	-	40	40
WHALE:			
BODY	3	1	4
SPERM	-	1	1
MISCELLANEOUS	2	9	11
LIVER AND VISCERA OIL:			
BURBOT	1	-	1
COD	8	-	8
HALIBUT	2	5	7
ROCKFISH	1	-	1
SHARK	2	16	18
SWORDFISH	2	-	2
TUNA	3	3	6
MIXED LIVER OILS	-	7	7
VISCERA	-	2	2
AGAR-AGAR	1	2	3
FISH SOLUBLES	4	8	12
GLUE	4	1	5
PEARL ESSENCE	4	-	4
KELP PRODUCTS	2	2	4
IRISH MOSS	2	-	2
ISINGLASS	1	-	1
HOMOGENIZED CONDENSED FISH	1	-	1
CRAB SHELLS (FOR TABLE USE)	2	-	2
FISH CHUM (FOR BAIT)	-	1	1
TOTAL, EXCLUSIVE OF DUPLICATION	179	119	298

1/ INCLUDES FIRMS IN THE GREAT LAKES AND MISSISSIPPI RIVER STATES WHICH ENGAGED IN THE PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, AND BURBOT-LIVER OIL.

NOTE:--LISTS OF PRODUCERS OF FISHERY PRODUCTS CAN BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C.

PRODUCTION OF MARINE-ANIMAL SCRAP AND MEAL, 1948

PRODUCT	ATLANTIC AND GULF COAST		PACIFIC COAST (INCLUDING ALASKA) 1/		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
EAL AND DRIED SCRAP:						
ANCHOVY	-	-	163	$21,517	163	$21,517
CRAB, BLUE	5,151	$266,761	-	-	5,151	266,761
FUR SEAL	-	-	341	36,996	341	36,996
GROUNDFISH ("WHITE FISH") INCLUDING ROSEFISH	21,780	2,872,544	-	-	21,780	2,872,544
HERRING	4,632	431,221	13,054	1,633,821	17,686	2,065,042
MENHADEN	2/ 104,058	11,560,914	-	-	104,058	11,560,914
PILCHARD	-	-	19,076	2,614,616	19,076	2,614,616
SALMON	-	-	1,152	112,223	1,152	112,223
SHARK	(3)	(3)	4/ 106	4/ 11,178	106	11,178
SHRIMP	724	49,016	-	-	724	49,016
TUNA AND MACKEREL	-	-	21,305	2,757,778	21,305	2,757,778
WHALE:						
MEAT	10	700	59	4,720	69	5,420
BONE	-	-	60	3,000	60	3,000
MISCELLANEOUS	5/ 3,124	319,591	6/ 4,749	392,138	7,873	711,729
TOTAL	139,479	15,500,747	60,065	7,587,987	199,544	23,088,734

/ INCLUDES SMALL PRODUCTION OF UNCLASSIFIED MEAL IN MINNESOTA, AND SHARK MEAL IN FLORIDA.

/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH DRY SCRAP AND MEAL.

/ INCLUDED WITH WEST COAST PRODUCTION.

/ INCLUDES FLORIDA PRODUCTION.

/ INCLUDES THE PRODUCTION OF COD-LIVER PRESS CAKE, FISH POMACE, AND ALEWIFE, HORSESHOE CRAB, LOBSTER, AND MISCELLANEOUS FISH SCRAP AND MEAL.

/ INCLUDES A SMALL PRODUCTION OF UNCLASSIFIED MEAL IN MINNESOTA, AND DUNGENESS CRAB AND MISCELLANEOUS SCRAP AND MEAL ON THE PACIFIC COAST.

PRODUCTION OF MARINE-ANIMAL OIL, 1948

PRODUCT	ATLANTIC AND GULF COASTS 1/		PACIFIC COAST (INCLUDING ALASKA)		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
ON BODY AND WASTE:						
NCHOVY	-	-	15,407	$15,320	15,407	$15,320
UR SEAL	-	-	47,711	42,484	47,711	42,484
ERRING	102,270	$86,077	3,541,267	3,918,173	3,643,537	4,004,250
ENHADEN	8,763,939	10,132,179	-	-	8,763,939	10,132,179
PILCHARD	-	-	2,328,572	2,457,858	2,328,572	2,457,858
ALMON:						
EDIBLE	-	-	22,065	77,228	22,065	77,228
INDUSTRIAL	-	-	94,331	92,450	94,331	92,450
UNA AND MACKEREL	-	-	660,515	622,110	660,515	622,110
HALE:						
SPERM	-	-	62,332	66,071	62,332	66,071
OTHER	2,650	2,427	55,107	61,719	57,757	64,146
ISCELLANEOUS 2/	517,493	756,963	129,815	144,096	647,308	901,059
TOTAL	9,386,352	10,977,646	6,957,122	7,497,509	16,343,474	18,475,155
ROM LIVERS AND VISCERA:						
COD	214,127	583,426	-	-	214,127	583,426
SHARK	(3)	(3)	3/ 434,010	3/ 6,315,232	434,010	6,315,232
TUNA	(3)	(3)	3/ 25,459	3/ 1,094,241	25,459	1,094,241
MISCELLANEOUS 4/	1,995	111,286	64,546	4,403,467	66,541	4,514,753
TOTAL	216,122	694,712	524,015	11,812,940	740,137	12,507,652
GRAND TOTAL	9,602,474	11,672,358	7,481,137	19,310,449	17,083,611	30,982,807

/ INCLUDES A SMALL PRODUCTION OF BURBOT LIVER OIL AND UNCLASSIFIED BODY OILS IN MINNESOTA.

/ INCLUDES THE PRODUCTION OF ALEWIFE, BLACKFISH, ROSEFISH, AND UNCLASSIFIED BODY OILS ON THE EAST COAST, AND UNCLASSIFIED BODY OILS ON THE WEST COAST.

/ EAST AND WEST COAST PRODUCTION COMBINED.

/ INCLUDES THE PRODUCTION OF BURBOT, HALIBUT, ROCKFISH, AND SWORDFISH LIVER OILS ON THE EAST COAST, AND HALIBUT, LINGCOD, SABLEFISH, MIXED LIVER OILS AND VISCERA OILS ON THE WEST COAST.

SUPPLEMENTARY REVIEW OF THE MENHADEN FISHERY, 1948

STATE	MENHADEN UTILIZED	DRY SCRAP AND MEAL		OIL		TOTAL
	POUNDS	TONS	VALUE	GALLONS	VALUE	VALUE
NEW JERSEY	162,046,000	17,119	$1,810,903	1,694,939	$1,807,915	$3,618,81
NEW YORK AND DELAWARE	224,843,290	1/ 22,224	1/ 2,265,161	2,518,835	2,970,399	5,235.56
VIRGINIA	152,744,590	16,086	1,853,922	812,764	1,131,540	2,985,46
NORTH CAROLINA	198,270,420	20,939	2,546,596	1,304,732	1,355,009	3,901,60
FLORIDA	80,276,720	1/ 8,410	1/ 988,374	274,859	301,684	1,290,05
MISSISSIPPI	68,636,140	6,780	797,413	779,810	883,028	1,680,44
SOUTH CAROLINA, LOUISIANA AND TEXAS	121,071,680	12,500	1,298,545	1,378,000	1,682,604	2,981,14
TOTAL	2/ 1,007,888,840	104,058	11,560,914	8,763,939	10,132,179	21,693,09

1/ A SMALL PRODUCTION OF ACIDULATED SCRAP HAS BEEN INCLUDED WITH DRY SCRAP AND MEAL PRODUCTION.

2/ 1,504,311,700 FISH

NOTE:--MENHADEN PRODUCTS WERE MANUFACTURED IN 3 PLANTS IN NEW JERSEY, 6 IN VIRGINIA, 8 IN NORTH CAROLINA, 5 IN FLORIDA, 3 IN MISSISSIPPI, 2 IN DELAWARE, AND IN 1 PLANT EACH IN NEW YORK, SOUTH CAROLINA, LOUISIANA, AND TEXAS.

PRODUCTION OF OYSTER AND MARINE CLAM-SHELL PRODUCTS, 1948 1/

STATE	CRUSHED SHELL FOR POULTRY FEED		UNBURNED SHELL LIME		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY	5,344	$77,546	1,319	$6,424	6,663	$83,97
PENNSYLVANIA AND MARYLAND	26,766	263,141	17,308	73,518	44,074	336,65
VIRGINIA, FLORIDA, LOUISIANA AND TEXAS	242,874	1,592,047	2/ 25,472	224,064	268,346	1,816,111
WASHINGTON, OREGON AND CALIFORNIA . .	21,586	207,971	4,406	29,781	25,992	237,75
TOTAL	296,570	2,140,705	48,505	333,787	345,075	2,474,49

1/ MARINE CLAM-SHELL PRODUCTS WERE PRODUCED IN 1 PLANT IN WASHINGTON.

2/ INCLUDES A SMALL QUANTITY OF BURNED LIME PRODUCED IN VIRGINIA.

NOTE:--CRUSHED SHELL PRODUCTS WERE PREPARED IN 5 PLANTS IN NEW JERSEY, 4 PLANTS EACH IN PENNSYLVANIA AND WASHINGTON, 3 PLANTS IN VIRGINIA, 2 PLANTS EACH IN MARYLAND, TEXAS, AND CALIFORNIA, AND 1 PLANT EACH IN FLORIDA, LOUISIANA, AND OREGON.

PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, 1948

PRODUCT	UNIT	IOWA AND MISSOURI		NEW YORK, PENNSYLVANIA AND ILLINOIS		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUTTONS	GROSS	5,688,904	$4,261,195	1,121,231	$1,135,316	6,810,135	$5,396,511
CRUSHED SHELL POULTRY FEED	TONS	1/ 852	1/ 8,522	(1)	(1)	852	8,52
LIME	TONS	1,368	3,678	-	-	1,368	3,67
CHIPS, SHELLS AND NOVELTIES	-	-	38,410	-	-	-	38,41
TOTAL	-	-	4,311,805	-	1,135,316	-	5,447,121

1/ A SMALL PRODUCTION IN NEW YORK HAS BEEN INCLUDED WITH THAT IN IOWA AND MISSOURI

NOTE:--MUSSEL SHELLS PURCHASED DURING THE YEAR AMOUNTED TO 9,657 TONS, VALUED AT $452,343. SHELLS WERE TAKEN IN 13 STATES IN THE MISSISSIPPI RIVER AND GREAT LAKES REGION. THE PRODUCING STATES IN THE ORDER OF THEIR IMPORTANCE WERE: TENNESSEE WHICH CONTRIBUTED 40 PERCENT OF THE TOTAL QUANTITY; KENTUCKY 23 PERCENT; ALABAMA 19 PERCENT; INDIANA 8 PERCENT; ARKANSAS 5 PERCENT; ILLINOIS 4 PERCENT; AND IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, SOUTH DAKOTA, AND TEXAS 1 PERCENT.

PRODUCTION OF MARINE PEARL-SHELL BUTTONS, 1948 1/

STATE	GROSS	VALUE
EW YORK	1,358,712	$2,248,887
EW JERSEY	1,333,384	2,198,112
ONNECTICUT	1,055,467	1,914,499
ENNSYLVANIA, MARYLAND, AND IOWA	1,226,510	2,225,513
TOTAL	4,974,073	8,587,011

/ PRODUCED PRINCIPALLY FROM IMPORTED SHELLS.

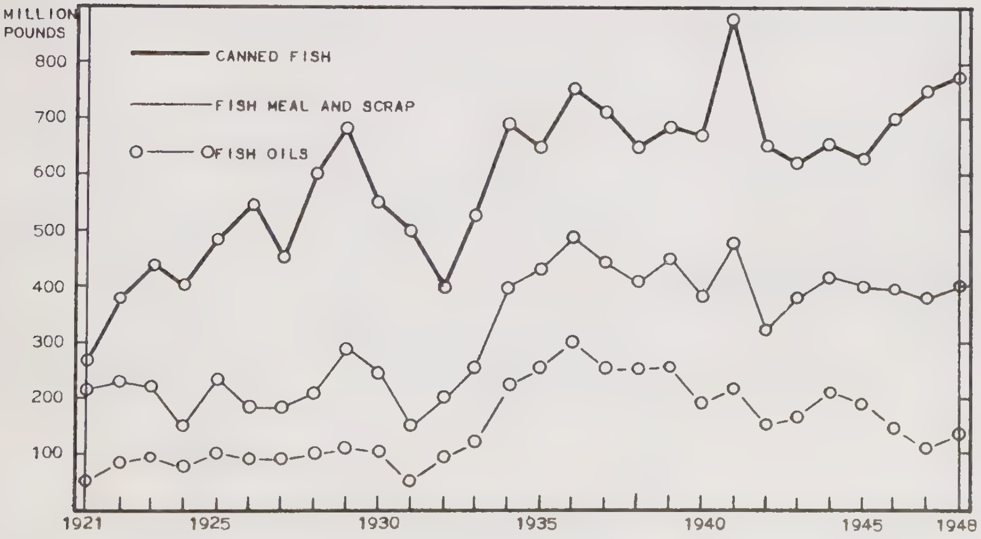
OTE:--MARINE PEARL-SHELL BUTTONS WERE MANUFACTURED IN 4 PLANTS IN NEW YORK, 12 IN NEW JERSEY, 3 IN CONNECTICUT, 2 IN PENNSYLVANIA, 1 IN MARYLAND, AND 2 IN IOWA.

PRODUCTION OF MISCELLANEOUS BYPRODUCTS, 1948

PRODUCT	UNIT	QUANTITY	VALUE	LOCATION AND NUMBER OF PLANTS
GLUE	GALLONS	215,400	$502,041	MAINE 1, MASSACHUSETTS 3, CALIFORNIA 1
FISH SOLUBLES	POUNDS	32,117,494	1,471,723	MASSACHUSETTS 3, MISSISSIPPI 1, OREGON 1, CALIFORNIA 7
MISCELLANEOUS 1/	-	-	7,311,694	MAINE 6, MASSACHUSETTS 3, NORTH CAROLINA 2, SOUTH CAROLINA 1, CALIFORNIA 5
TOTAL	-	-	9,285,458	

1/ INCLUDES THE PRODUCTION OF AGAR-AGAR, KELP PRODUCTS, PEARL ESSENCE, ISINGLASS, IRISH MOSS, FISH CHUM (BAIT), HOMOGENIZED CONDENSED FISH, AND CRAB SHELLS.

PRODUCTION OF CANNED FISH, FISH MEALS, AND OILS, 1921 - 1948



PACK OF CANNED FISHERY PRODUCTS: STANDARD CASES, 1921-1948

YEAR	SALMON						SARDINES			
	PACIFIC COAST STATES		ALASKA		TOTAL		MAINE, MASSACHUSETTS AND NEW HAMPSHIRE		CALIFORNIA AND OREGON	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AV.	1,147,835	$11,916,541	4,860,058	$33,893,502	6,007,893	$45,810,043	1,677,265	$6,031,760	1,953,474	$6,961,598
1931-1935 AV.	984,706	7,301,890	5,699,775	28,513,777	6,684,481	35,815,667	1,042,116	2,974,505	1,719,387	4,519,462
1936	527,574	5,309,438	8,437,603	44,751,633	8,965,177	50,061,071	1,845,860	5,740,454	2,616,530	7,302,273
1937	885,372	8,386,165	6,669,665	44,547,769	7,555,037	52,933,934	1,680,241	4,998,373	2,812,456	8,592,117
1938	472,721	5,728,892	6,806,998	36,636,897	7,279,719	42,365,789	671,635	2,367,045	2,261,678	7,102,358
1939	728,943	7,339,727	5,263,161	34,441,122	5,992,104	41,780,849	2,210,466	7,075,096	3,108,082	9,553,663
1940	535,663	6,575,176	5,069,343	31,474,492	5,605,006	38,049,668	1,117,748	3,736,394	2,945,882	8,975,257
1941	899,589	11,199,317	6,932,040	56,217,601	7,831,629	67,416,918	3,131,276	12,475,991	5,007,154	18,091,873
1942	759,032	13,673,968	5,075,974	48,300,209	5,835,006	61,974,177	2,720,126	11,691,981	3,744,624	15,509,964
1943	275,889	5,110,847	5,428,318	57,824,267	5,704,207	62,935,114	2,353,273	10,686,471	3,354,697	14,352,359
1944	245,588	5,187,136	4,893,059	51,196,140	5,138,647	56,383,276	3,035,825	14,223,706	3,650,919	15,225,919
1945	557,769	7,942,102	4,350,471	44,644,303	4,908,240	52,586,405	2,513,751	11,520,387	3,765,981	15,346,472
1946	560,289	17,003,459	3,949,878	53,157,194	4,510,167	70,160,653	3,018,597	19,548,531	2,977,170	19,895,649
1947	1,329,226	31,969,134	4,312,286	88,669,542	5,641,512	120,638,676	2,834,690	27,677,704	1,652,592	16,538,375
1948	810,075	24,008,466	4,014,891	96,528,730	4,824,966	120,537,196	3,060,842	26,921,926	2,654,149	21,892,893

YEAR	TUNA & TUNALIKE FISHES		MACKEREL		ALEWIVES		OYSTERS		SHRIMP		CLAM PRODUCTS	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AV.	1,063,238	$7,371,080	1/ 229,293	1/ $979,927	24,066	$77,558	520,205	$2,524,660	910,491	$4,475,680	2/ 542,612	$2,119,298
1931-1935 AV.	1,668,811	8,646,033	806,664	2,117,791	20,095	48,402	417,985	1,392,686	1,143,677	3,836,331	521,573	2,242,896
1936	2,680,734	14,715,391	1,236,850	3,542,895	24,140	58,527	566,470	2,180,869	1,024,392	4,672,198	754,334	2,976,297
1937	3,144,501	18,995,779	840,832	2,673,608	54,993	139,585	759,589	2,932,681	1,434,894	7,130,747	773,448	3,013,446
1938	2,754,143	15,183,636	965,629	2,896,220	52,886	143,558	516,901	1,886,476	1,207,553	4,872,393	769,665	3,189,628
1939	3,642,951	20,079,567	889,389	2,588,695	22,882	74,804	648,569	2,378,945	1,376,758	5,397,662	935,147	3,798,319
1940	4,188,460	23,727,560	1,421,894	4,101,369	24,486	72,070	690,585	2,526,859	1,116,249	4,318,325	927,628	3,778,363
1941	2,931,581	19,397,887	935,001	3,503,718	42,156	153,269	657,045	2,997,114	884,874	4,882,544	927,343	3,711,029
1942	2,484,749	30,742,493	721,189	3,693,082	77,232	399,555	523,262	3,598,703	963,352	7,347,330	782,602	3,791,058
1943	2,696,073	31,430,189	937,251	5,271,203	112,472	619,213	345,868	2,821,556	660,436	5,360,647	464,794	2,802,420
1944	3,560,020	40,836,117	1,225,060	7,033,997	135,995	793,254	273,556	2,283,429	561,649	4,854,799	547,696	3,820,612
1945	4,531,565	47,407,451	692,748	4,046,691	131,062	753,769	225,964	2,029,953	214,971	1,918,633	900,032	7,391,098
1946	4,784,484	59,135,823	962,150	7,575,291	193,980	1,180,197	390,835	5,249,272	522,130	8,428,735	1,527,789	11,145,047
1947	5,894,495	90,609,175	1,754,950	15,018,633	139,816	779,150	410,487	4,259,485	472,333	8,192,004	1,257,662	8,642,235
1948	7,037,758	112,612,296	1,281,192	9,850,834	123,134	639,356	357,080	4,777,531	558,870	7,791,313	1,179,774	8,329,639

YEAR	CRABS		MISCELLANEOUS FISHERY PRODUCTS								GRAND TOTAL
			FISH ROE, CAVIAR, & EGGS		OTHER FISH		OTHER SHELLFISH, ETC.		TOTAL		
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE	VALUE
1921-1930 AV.	1/ 2,870	$53,908	2/ 68,740	2/ $820,057	1/ 282,904	1/ $2,008,576	1/ 11,770	1/ $153,714	1/ 363,414	$2,050,366	$77,965,913
1931-1935 AV.	13,548	109,235	48,284	814,969	349,186	1,580,190	27,382	205,495	424,852	2,600,654	64,303,662
1936	14,600	130,753	59,040	1,028,293	408,641	1,833,338	53,225	321,895	520,906	3,183,526	94,564,254
1937	27,394	269,699	69,974	996,169	544,772	2,182,697	45,502	316,100	660,248	3,494,966	105,174,935
1938	27,398	260,134	61,337	786,441	580,611	2,140,856	33,993	251,355	675,941	3,178,652	83,445,889
1939	32,828	259,756	64,448	957,875	729,758	2,318,049	43,677	364,270	837,883	3,640,194	96,627,550
1940	38,740	308,890	61,852	891,814	906,791	3,296,976	55,739	398,396	1,024,382	4,587,186	94,181,941
1941	60,198	547,617	76,740	815,514	1,207,977	4,329,560	36,914	361,123	1,321,631	5,506,197	138,684,157
1942	114,548	1,755,065	53,190	910,890	404,947	3,335,147	15,628	247,502	473,765	4,493,539	144,996,947
1943	75,308	1,194,483	59,884	1,044,582	151,851	1,480,838	156,880	1,189,717	368,615	3,715,137	141,188,792
1944	86,942	1,361,458	55,677	824,197	369,922	3,950,964	186,030	1,322,509	611,629	6,097,670	152,914,237
1945	55,514	883,767	36,795	948,042	514,563	6,233,998	238,538	1,733,905	789,896	8,915,943	152,800,571
1946	199,078	4,720,119	58,192	1,905,638	1,074,612	13,644,186	663,348	5,040,312	1,796,152	20,590,138	227,629,455
1947	139,816	2,705,391	52,432	1,641,228	1,731,280	12,430,414	246,374	1,547,950	2,030,086	15,619,592	310,680,420
1948	220,802	4,846,494	50,629	1,473,320	2,004,641	14,419,035	380,400	2,089,646	2,435,670	17,982,001	336,181,479

1/ REPRESENTS 5-YEAR AVERAGE, 1926-1930. 2/ REPRESENTS 4-YEAR AVERAGE, 1927-1930, INCLUSIVE.

NOTE:--THE STANDARD CASES LISTED ABOVE FOR ALL YEARS REPRESENT THE SAME SIZE CASE USED IN THE INDIVIDUAL PACK TABLES IN THIS SECTION

YEAR	MENHADEN DRIED SCRAP AND MEAL		MENHADEN ACIDULATED SCRAP		HERRING MEAL		PILCHARD MEAL		TUNA AND MACKEREL MEAL		OTHER MEAL, DRIED AND GREEN SCRAP	
	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE	TONS	VALUE
1921-1930 AV.	34,109	$1,587,175	28,374	$678,844	(1)	(1)	2/ 22,726	2/ $1,241,001	2/ 3,047	2/ $151,334	34,163	$1,638,101
1931-1935 AV.	31,488	935,645	15,407	257,799	12,634	$363,085	55,494	1,648,972	3/ 8,550	3/ 226,263	23,421	827,215
1936	42,411	1,411,710	23,482	359,615	16,780	593,357	121,739	3,968,305	11,847	359,409	27,519	1,004,002
1937	35,801	1,581,219	31,600	618,104	20,460	680,382	89,422	3,325,282	13,066	456,358	29,593	904,190
1938	39,274	1,576,620	21,814	418,936	17,747	592,588	89,927	3,437,892	11,224	409,211	25,230	982,916
1939	52,950	2,224,920	15,853	265,850	18,222	763,419	96,947	4,103,638	12,084	464,578	30,046	1,271,192
1940	56,249	2,423,229	15,520	271,533	9,216	380,134	69,975	3,007,705	14,955	610,007	27,329	1,141,213
1941	75,316	4,008,355	11,029	242,792	12,520	847,116	97,979	5,942,272	8,693	484,886	31,307	1,570,152
1942	50,504	3,362,279	2,594	80,520	5,591	386,059	71,828	5,310,037	7,144	465,481	33,419	2,021,383
1943	66,357	4,766,672	1,555	58,821	9,170	690,280	75,611	5,775,932	7,766	505,199	29,944	1,832,248
1944	69,170	4,913,224	2,922	111,104	14,212	1,044,861	86,196	6,582,600	9,648	644,458	30,999	1,946,775
1945	77,451	5,483,377	1,557	62,200	14,344	1,120,042	60,860	4,643,694	10,273	705,976	36,190	2,390,049
1946	94,622	8,605,118	2,022	78,475	19,505	2,248,942	36,899	5,233,075	13,584	1,743,189	32,989	2,530,624
1947	98,602	10,883,852	632	26,863	18,454	2,649,474	16,715	2,556,038	19,761	2,998,321	32,276	3,265,803
1948	4/ 104,058	11,560,914	(4)	(4)	17,686	2,065,042	19,076	2,614,616	21,305	2,757,778	37,419	4,090,384

YEAR	MENHADEN OIL		HERRING OIL		PILCHARD OIL		TUNA AND MACKEREL OIL		WHALE AND SPERM OIL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
1921-1930 AV.	4,863,899	$1,969,152	2,063,436	$797,716	2,770,878	$1,156,437	2/ 45,354	2/ $13,933	1,403,568	$678,544
1931-1935 AV.	3,200,351	582,152	3,116,230	562,980	12,458,879	2,835,610	3/182,452	3/ 38,512	775,424	178,453
1936	4,880,879	1,249,708	3,796,586	954,706	26,131,439	8,336,079	357,914	98,221	4,154,966	1,707,561
1937	3,895,613	1,456,333	5,623,045	2,114,548	15,993,216	6,203,616	222,774	61,514	9,226,289	4,170,001
1938	4,189,129	1,173,667	4,579,565	1,298,837	17,539,567	5,205,337	278,879	81,532	7,741,000	3,184,058
1939	6,005,414	1,624,024	4,847,512	1,157,418	19,996,422	6,078,317	310,661	92,906	3,550,230	1,132,871
1940	5,774,671	1,304,720	2,241,169	606,722	12,626,849	3,761,160	447,326	123,801	2,561,518	952,164
1941	6,034,050	2,829,441	3,041,315	1,563,545	18,125,147	9,879,290	250,517	100,048	34,058	15,907
1942	5,128,760	3,200,129	985,403	646,565	12,508,958	8,067,750	214,932	112,042	47,247	31,733
1943	5,734,668	3,892,142	1,727,441	1,129,446	13,947,295	9,301,593	219,044	131,906	37,964	30,405
1944	6,067,111	3,725,498	2,389,287	1,603,078	18,098,982	11,722,950	317,236	177,774	7,185	5,135
1945	8,335,094	5,656,550	2,663,546	1,786,040	11,852,994	7,926,147	304,143	173,452	-	-
1946	9,758,648	9,033,032	3,532,454	4,292,776	4,866,567	6,843,376	359,437	395,475	-	-
1947	8,473,371	11,425,497	3,875,024	4,144,643	2,103,965	2,677,453	748,017	958,998	66,374	70,007
1948	8,763,939	10,132,179	3,643,537	4,004,250	2,328,572	2,457,858	660,515	622,110	120,089	130,217

YEAR	LIVER OILS		OTHER MARINE-ANIMAL OILS		OYSTER AND MARINE CLAM-SHELL PRODUCTS		FRESH-WATER MUSSEL-SHELL PRODUCTS	MARINE PEARL-SHELL PRODUCTS	OTHER BYPRODUCTS	GRAND TOTAL
	GALLONS	VALUE	GALLONS	VALUE	TONS	VALUE	VALUE	VALUE	VALUE	VALUE
1921-1930 AV.	(5)	(5)	5/ 459,292	5/ $222,121	308,823	$2,455,768	6/ $5,575,967	7/ $4,544,147	$1,001,606	8/ $17,948,654
1931-1935 AV.	3/ 109,419	3/ $912,476	295,480	114,243	314,802	1,606,093	4,210,128	3,491,872	1,165,471	19,721,516
1936	351,400	2,896,655	228,634	85,536	383,703	1,578,108	4,710,260	4,265,986	1,389,766	34,968,984
1937	347,921	2,204,097	325,811	145,643	382,718	1,612,847	4,791,205	5,079,895	1,398,811	36,804,045
1938	506,203	2,476,343	305,792	106,241	339,425	1,416,557	2,698,879	4,197,503	1,319,250	30,576,367
1939	677,975	4,471,688	363,899	139,845	386,005	1,539,557	2,492,342	4,827,413	1,388,836	34,038,814
1940	790,621	5,088,153	373,384	183,458	395,088	1,479,847	2,489,438	5,399,720	1,326,254	30,554,258
1941	1,233,242	14,871,588	565,298	334,395	438,407	1,985,253	3,037,350	6,236,714	2,851,970	56,801,074
1942	1,000,912	10,034,907	692,892	486,476	466,037	2,582,261	5,064,271	5,528,421	3,516,548	50,896,862
1943	851,854	14,841,970	597,950	485,391	509,285	2,820,986	3,782,028	4,696,593	4,394,653	59,136,266
1944	998,802	13,237,435	444,372	536,911	582,215	3,134,696	4,428,903	4,134,738	5,348,413	63,298,553
1945	804,288	11,202,207	541,787	491,326	507,096	2,573,717	4,844,647	3,286,245	5,864,937	58,210,606
1946	895,884	13,478,590	618,020	658,883	390,433	2,270,853	6,629,578	5,635,904	6,964,960	76,642,850
1947	832,510	11,643,468	633,631	830,596	501,393	3,263,158	9/ 8,166,000	7,902,000	7,130,156	80,592,327
1948	740,137	12,507,652	826,822	1,128,541	345,075	2,474,492	5,447,121	8,587,011	9,285,458	79,865,623

1/ INCLUDED WITH OTHER MEAL, DRIED SCRAP, AND CRUDE OR GREEN SCRAP. 2/ REPRESENTS AVERAGE FOR 1926-1930, SINCE PREVIOUS DATA ARE NOT AVAILABLE. 3/ REPRESENTS AVERAGE FOR 1932-1935, INCLUSIVE, SINCE DATA FOR 1931 ARE NOT AVAILABLE. 4/ A SMALL PRODUCTION OF ACIDULATED SCRAP IS INCLUDED WITH MENHADEN DRIED SCRAP AND MEAL. 5/ THE PRODUCTION OF LIVER OILS HAS BEEN INCLUDED WITH OTHER MARINE ANIMAL OILS. 6/ REPRESENTS AVERAGE FOR 1929 AND 1930 SINCE DATA FOR EARLIER YEARS ARE NOT AVAILABLE. 7/ REPRESENTS VALUE OF PRODUCTION FOR 1930 ONLY, SINCE DATA FOR EARLIER YEARS ARE NOT AVAILABLE. 8/ VALUE OF MUSSEL-SHELL AND PEARL-SHELL PRODUCTS ARE NOT INCLUDED, 1921-1925. 9/ REVISION OF PREVIOUSLY PUBLISHED CENSUS DATA.

PACKAGED FISH

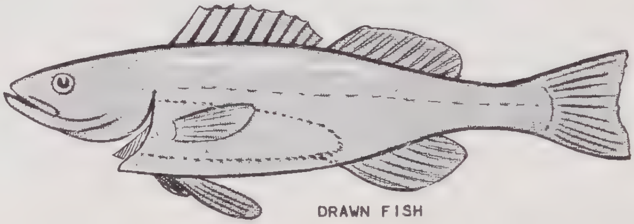
The production of fresh and frozen packaged fish (fillets, steaks, and split butte fly) in continental United States during 1948 totaled 189,296,991 pounds, valued $47,641,575 to the processor. These data do not include the production of pan-dress fish, which in 1947 amounted to 27,111,928 pounds, valued at $2,708,054. When compar with similar data for 1947 (excluding pan-dressed fish), the 1948 production increas 21 percent in volume and 15 percent in value.

Rosefish and flounder packaging showed substantial gains during 1948, while decreas occurred in the production of packaged cod, haddock and whiting.

Fillets from rosefish, which totaled 67,695,765 pounds were the largest single it of packaged fish produced during 1948. The production of this item showed an increa of 44 percent in volume and 32 percent in value compared with 1947. Haddock, wi 42,219,022 pounds, and flounders with 23,466,367 pounds were second and third respe tively. Rosefish, with a value of $14,407,895 was the most valuable species, follow by haddock ($11,853,036) and flounders ($8,102,097). Of the packaged fish reported, percent was filleted, 3 percent was steaked, and 2 percent was split 'butterflied'.

Because of the importance of the groundfish fishery in New England, that ar continued to lead all others in the packaged fish industry by producing 80 percen (151,000,000 pounds) of the 1948 domestic production. The Pacific Coast States a counted for 12 percent; the Middle Atlantic States, 5 percent; the Great Lakes, 2 pe cent; and the Chesapeake, South Atlantic and Gulf States, 1 percent.

Data in this section cannot be correlated directly with that information publishe in the section on Manufactured Fishery Products, as that section includes a small pr duction in Alaska which is not included in the following tables. Data on the producti of packaged fish during 1948 were previously published in 'Current Fishery Statisti No. 492' Revised.


DRAWN FISH

DRESSED

BUTTERFLY FILLET

STEAKS

SINGLE FILLETS

SUMMARY OF PRODUCTION OF PACKAGED FISH, 1948

ITEM	FILLETS		STEAKS		SPLIT "BUTTERFLY"		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SH	53,356,057	$16,029,862	253,352	$101,279	237,400	$68,486	53,846,809	$16,199,627
ZEN	125,944,338	28,665,471	5,335,260	2,108,448	4,170,584	668,029	135,450,182	31,441,948
TOTAL	179,300,395	44,695,333	5,588,612	2,209,727	4,407,984	736,515	189,296,991	47,641,575

PRODUCTION OF PACKAGED FISH: BY METHOD OF PREPARATION, 1948

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
UE PIKE	1,790,198	$751,005	302,115	$138,159
D	7,214,691	1,950,457	6,664,169	1,539,184
OAKER	(1)	(1)	-	-
SK	653,000	141,634	122,672	25,435
OUNDERS	12,600,740	4,619,803	10,865,627	3,482,294
OUPERS	(1)	(1)	152,000	56,500
DDOCK	19,705,975	5,772,737	22,513,047	6,080,299
KE	1,120,264	211,916	867,162	127,600
IBUT	23,882	8,459	118,653	57,993
RRING, LAKE	83,203	18,796	93,084	16,476
KE TROUT	123,400	57,455	8,800	4,575
NGCOD	561,611	109,979	719,040	155,298
CKEREL	678,742	141,658	1,932,938	390,158
KE OR PICKEREL	19,499	7,060	7,876	2,863
LLOCK	2,247,688	323,695	8,953,380	1,319,390
CKFISHES	2,387,947	428,909	2,511,032	465,603
SEFISH (OCEAN PERCH)	686,890	153,676	67,008,875	14,254,219
BLEFISH	3,994	625	11,234	2,210
MON	212,550	66,604	106,820	53,316
GER	694,929	308,024	91,997	44,979
BASS	2/ 84,000	2/ 28,780	(1)	(1)
A TROUT, GRAY	(1)	(1)	-	-
LT	(1)	(1)	2/ 19,792	2/ 2,828
ANISH MACKEREL	61,200	28,018	125,745	36,667
A	(1)	(1)	2/ 353,150	2/ 52,960
TE BASS	2/ 3,778	2/ 1,830	(1)	(1)
TEFISH	220,470	109,012	4,300	2,050
TING	85,250	10,278	1,010,893	152,795
FFISH	66,480	18,598	148,474	46,402
LOW PERCH	424,978	231,207	37,396	20,101
LOW PIKE	619,501	318,825	32,690	17,512
ASSIFIED	3/ 881,594	3/ 181,030	4/ 1,218,213	4/ 130,539
TOTAL	53,256,454	16,000,070	126,001,174	28,678,405

SPECIES	STEAKS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
OUPERS	2/ 263,259	2/ $99,950	(1)	(1)
IBUT	(1)	(1)	2/ 3,085,699	2/ $1,239,251
NGCOD	(1)	(1)	2/ 470,283	2/ 77,565
BLEFISH	-	-	56,758	11,963
MON	(1)	(1)	2/ 1,597,023	2/ 721,800
A BASS	-	-	(1)	(1)
APPER, RED	56,248	28,877	30,000	15,000
ORDFISH	-	-	25,433	18,432
NA	-	-	(1)	(1)
CLASSIFIED	(1)	(1)	5/ 31,676	5/ 8,638
TOTAL	319,507	128,827	5,296,872	2,092,658

EE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PRODUCTION OF PACKAGED FISH: BY METHOD OF PREPARATION, 1948 - Continued

SPECIES	SPLIT "BUTTERFLY"			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
CROAKER	2/ 26,200	2/ $9,480	(1)	(1)
SEA TROUT, GRAY	2/ 204,400	2/ 62,636	166,164	$48,81
WHITING	29,800	4,430	3,996,420	616,25
TOTAL	260,400	76,546	4,162,584	665,06

1/ BECAUSE LESS THAN THREE FIRMS REPORTED A PRODUCTION OF THIS ITEM, IT HAS BEEN INCLUDED WITH THE REPORTED PRODUCTION OF ANOTHER TYPE OF PROCESSING OF THIS SPECIES. 2/ INCLUDES A SMALL QUANTITY OF ANOTHER TYPE OF PROCESSING OF THIS SAME SPECIES. 3/ INCLUDES FRESH FILLETS OF CARP, RED DRUM, OCEAN POUT, SHEEPSHEAD, STRIPED BASS, SUCKERS, TAUTOG, TILEFISH, AND UNCLASSIFIED FISH. 4/ INCLUDES FROZEN FILLETS OF SEA HERRING KINGFISH, PERCH, WHITEBAIT, AND UNCLASSIFIED FISH. 5/ INCLUDES FRESH AND FROZEN STEAKS OF SHARK AND STURGEON AND FROZEN STRIPED BASS STEAKS.

NOTE:--THE TOTALS APPEARING ABOVE CANNOT BE CORRELATED DIRECTLY WITH THOSE APPEARING IN THE SUMMARY, SINCE IT HAS BEEN NECESSARY TO COMBINE CERTAIN ITEMS IN ORDER TO SHOW THE ENTIRE PRODUCTION OF EACH SPECIES.

PRODUCTION OF PACKAGED FISH: BY SECTIONS, 1948

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC	
	POUNDS	VALUE	POUNDS	VALUE
COD	10,102,790	$2,409,536	2,400,160	$821,15
CUSK	775,672	167,069	-	-
FLOUNDERS	11,631,505	4,053,582	3,452,895	1,477,88
HADDOCK	39,112,222	10,778,640	3,106,800	1,074,39
HAKE	1,681,061	266,006	306,365	73,51
MACKEREL	2,607,030	530,245	4,650	1,57
POLLOCK	11,175,296	1,637,320	25,772	5,76
ROSEFISH (OCEAN PERCH)	67,673,365	14,400,951	22,400	6,94
SWORDFISH	25,433	18,432	-	-
TUNA	353,150	52,960	-	-
WHITING	2/ 5,122,363	2/ 783,754	(1)	(1)
WOLFFISH	214,954	65,000	-	-
UNCLASSIFIED	3/ 828,379	3/ 33,767	(1)	(1)
TOTAL	151,303,220	35,197,262	9,319,042	3,461,23

SPECIES	CHESAPEAKE, SOUTH ATLANTIC AND GULF		GREAT LAKES	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	2,092,313	$889,164
CROAKER	26,200	$9,480	-	-
FLOUNDERS	90,000	34,650	-	-
GROUPERS	415,259	156,450	-	-
HALIBUT	-	-	(1)	(1)
HERRING, LAKE	-	-	176,287	35,272
LAKE TROUT	-	-	132,200	62,03
PIKE OR PICKEREL	-	-	27,375	9,92
SAUGER	-	-	786,926	353,00
SEA BASS	2/ 84,000	2/ 28,780	-	-
SEA TROUT, GRAY	370,564	111,454	-	-
SNAPPER, RED	86,248	43,877	-	-
SPANISH MACKEREL	2/ 186,945	2/ 64,685	-	-
WHITE BASS	-	-	3,778	1,83
WHITEFISH	-	-	224,770	111,052
YELLOW PERCH	-	-	462,374	251,308
YELLOW PIKE	-	-	652,191	336,337
UNCLASSIFIED	4/ 38,700	4/ 9,901	5/ 73,217	5/ 15,058
TOTAL	1,297,916	459,277	4,631,431	2,064,987

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PRODUCTION OF PACKAGED FISH: BY SECTIONS, 1948 - Continued

SPECIES	PACIFIC COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
UE PIKE	-	-	2,092,313	$889,164
D	1,375,910	$258,946	13,878,860	3,489,641
OAKER	-	-	26,200	9,480
SK	-	-	775,672	167,069
OUNDERS	8,291,967	2,535,977	23,466,367	8,102,097
OUPERS	-	-	415,259	156,450
DDOCK	-	-	42,219,022	11,853,036
KE	-	-	1,987,426	339,516
LIBUT	2/ 3,228,234	2/ 1,305,703	3,228,234	1,305,703
RRING, LAKE	-	-	176,287	35,272
KE TROUT	-	-	132,200	62,030
NGCOD	1,750,934	342,842	1,750,934	342,842
ACKEREL	-	-	2,611,680	531,816
KE OR PICKEREL	-	-	27,375	9,923
LLOCK	-	-	11,201,068	1,643,085
CKFISHES	4,898,979	894,512	4,898,979	894,512
SEFISH (OCEAN PERCH)	-	-	67,695,765	14,407,895
BLEFISH	71,986	14,798	71,986	14,798
ALMON	1,916,393	841,729	1,916,393	841,729
AUGER	-	-	786,926	353,003
A BASS	(1)	(1)	84,000	28,780
A TROUT, GRAY	-	-	370,564	111,454
MELT	19,792	2,828	19,792	2,828
APPER, RED	-	-	86,248	43,877
ANISH MACKEREL	(1)	(1)	186,945	64,685
ORDFISH	-	-	25,433	18,432
UNA	-	-	353,150	52,960
HITE BASS	-	-	3,778	1,830
HITEFISH	-	-	224,770	111,062
HITING	-	-	5,122,363	783,754
OLFFISH	-	-	214,954	65,000
ELLOW PERCH	-	-	462,374	251,308
LOW PIKE	-	-	652,191	336,337
CLASSIFIED	6/ 1,191,187	6/ 261,481	2,131,483	320,207
TOTAL	22,745,382	6,458,816	189,296,991	47,641,575

DATA ARE SHOWN ONLY WHEN THREE OR MORE FIRMS REPORTED A PRODUCTION OF A SPECIES. IN THOSE INSTANCES WHERE ESS THAN THREE FIRMS REPORTED, THEIR PRODUCTION HAS BEEN INCLUDED WITH THAT OF ANOTHER SECTION.

INCLUDES A SMALL QUANTITY OF THIS SPECIES PRODUCED IN ANOTHER AREA.

INCLUDES SEA HERRING, OCEAN POUT, TAUTOG, AND TILEFISH.

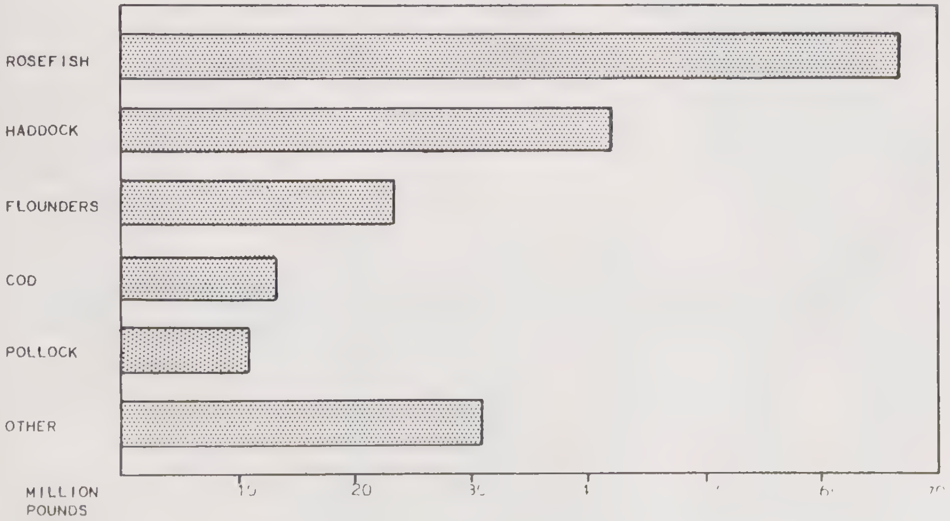
INCLUDES RED DRUM, AND UNCLASSIFIED FISH FROM THE MIDDLE ATLANTIC STATES AND RED DRUM, SHARK, AND STRIPED BASS FROM THE CHESAPEAKE, SOUTH ATLANTIC AND GULF STATES.

INCLUDES CARP, SHEEPSHEAD, AND SUCKERS.

INCLUDES KINGFISH, PERCH, STURGEON, WHITEBAIT, AND UNCLASSIFIED FISH.

OTE:--PACKAGED FISH WERE PREPARED IN THE FOLLOWING STATES: NEW ENGLAND - MAINE, MASSACHUSETTS, AND ONNECTICUT; MIDDLE ATLANTIC - NEW YORK AND NEW JERSEY; CHESAPEAKE, SOUTH ATLANTIC AND GULF - VIRGINIA, ORTH CAROLINA, FLORIDA, AND ALABAMA; GREAT LAKES - NEW YORK, PENNSYLVANIA, OHIO, MICHIGAN, ILLINOIS, ISCONSIN, AND MINNESOTA.

PRODUCTION OF PACKAGED FISH, 1948



FROZEN FISH TRADE

FISH FROZEN

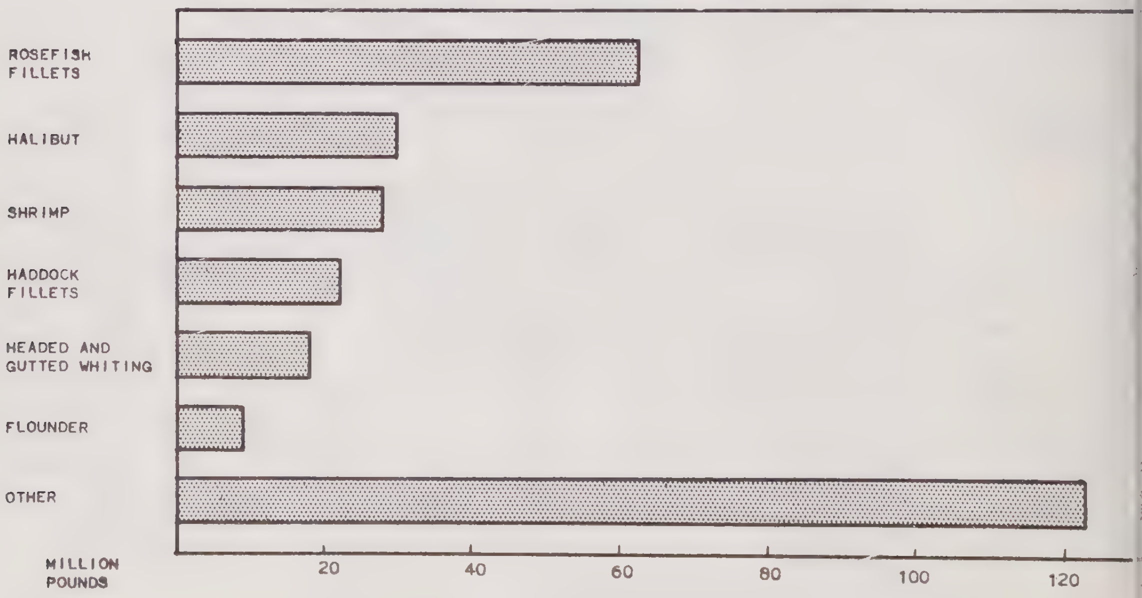
A record total of 291,987,979 pounds of fishery products were frozen during 1948 by domestic freezing plants that reported their activities to the Fish and Wildlife Service. This was more than 45 million pounds or 18 percent above the 1947 production. It is estimated that a catch of approximately 625 million pounds of fish and shellfish was required to yield the nearly 292 million pounds of round, dressed, and drawn fish, fish fillets, and packaged shellfish frozen in 1948.

During the year, 84 percent of the freezings consisted of salt-water fish: 13 percent, shellfish; and 3 percent, fresh-water fish. Compared with 1947, production of salt-water fish was relatively more important, while that of frozen shellfish was less important. Five items accounted for 59 percent of the total poundage frozen. These were rosefish (ocean perch) fillets, which comprised 21 percent of the total; halibut and shrimp, 10 percent each; whiting in all its methods of preparation, 11 percent; and haddock, 7 percent. The largest gains recorded among major species were in the production of rosefish fillets, whiting of all kinds, and halibut. The quantity of rosefish fillets frozen was 23.6 million pounds above the 1947 production. Decreases were registered in the freezings of croaker, mackerel and salmon.

According to geographical sections, the New England States led all other sections in the quantity of fishery products frozen, accounting for 54 percent of the total. Alaska ranked second with 14 percent, followed by the Pacific Coast States with 13 percent.

The development of additional cold storage space, coupled with the increased acceptance of frozen products by the public is believed to have been mainly responsible for the record freezings of 1948.

PRODUCTION OF FROZEN FISHERY PRODUCTS, 1948



PRODUCTION OF FROZEN FISHERY PRODUCTS IN THE UNITED STATES AND ALASKA, 1948

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
ALT-WATER FISH:						
BAIT AND ANIMAL FOOD	433,400	1,134,128	1,937,520	1,659,595	920,600	598,387
BLUEFISH	-	690	-	11,103	23,851	26,884
BUTTERFISH	13,013	200	8,319	4,982	13,438	26,761
COD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS)	60,752	36,805	60,527	101,348	183,628	87,919
CROAKERS	9,000	5,400	276,853	116,933	21,482	76,937
EELS	6,078	799	714	1,444	19,240	12,202
FILLETS:						
COD	48,712	88,469	505,863	1,114,465	983,281	816,318
FLOUNDER (INCLUDING SOLE)	141,854	81,384	192,599	613,243	1,413,014	1,619,677
HADDOCK	353,862	504,767	2,807,528	2,358,452	997,599	2,664,020
LINGCOD	19,674	22,257	22,235	31,611	69,721	112,877
MACKEREL	1,965	6,010	9,656	14,870	57,589	702,326
POLLOCK	582,260	370,763	593,446	680,433	331,162	581,541
ROSEFISH	1,522,778	2,918,421	4,393,409	4,712,628	8,387,236	5,405,876
WHITING (INCLUDING SPLIT BUTTERFLY)	11,773	229	760	830	104,220	2,032,223
OTHER FILLETS	208,564	80,922	85,112	317,141	317,866	231,884
FLOUNDERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT)	5,921	16,594	75,153	50,492	73,928	168,409
HALIBUT	-	-	-	6,838	13,637,957	9,700,672
HERRING, SEA	638,398	906,409	73,902	134,706	273,996	73,200
MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	10,563	12,057	35,524	10,412	114,746	648,448
MULLET	53,923	12,193	748	25,790	16,716	11,457
SABLEFISH (BLACK COD)	7,188	470	115	40,997	240,659	682,295
SALMON:						
KING OR CHINOOK	-	-	12,499	13,055	364,947	1,380,156
SILVER OR COHO	-	-	760	30,310	-	68,887
STEELHEAD TROUT	-	-	555	-	6,254	395
UNCLASSIFIED	-	-	-	1,775	8,596	108,100
SCUP (PORGIES)	-	640	-	50,700	183,384	592,056
SEA TROUT (WEAKFISH, GRAY AND SPOTTED)	27,510	7,035	1,850	11,298	34,627	29,319
SHAD (INCLUDING ROE SHAD)	-	-	-	25,687	124,402	91,278
SHAD ROE	-	-	-	25,527	23,507	5,078
SMELT	31,961	20,841	884,925	172,845	62,328	71,129
SWORDFISH	-	-	-	-	-	270
TUNA	396	-	-	-	-	268,296
WHITING (SILVER HAKE):						
ROUND	115,765	14,018	1,370	22,221	1,475,025	1,444,365
HEADED AND GUTTED (EX. FILLETS)	-	1,006	-	18,285	1,343,957	5,365,312
UNCLASSIFIED SALT-WATER FISH	635,407	717,594	977,367	751,601	1,481,308	1,491,650
TOTAL, SALT-WATER FISH	4,940,717	6,960,101	12,959,309	13,131,617	33,310,264	37,196,604
ESH-WATER FISH:						
BAIT AND ANIMAL FOOD	-	22,752	200	940	-	27,180
BLUE PIKE AND SAUGER (EX.FILLETS)	-	-	-	-	3,000	42,078
CATFISH AND BULLHEADS	4,851	3,374	1,899	23,029	12,036	33,630
CHUBS	-	-	5,345	14,379	29,283	103,401
FILLETS:						
BLUE PIKE AND SAUGER	-	-	-	-	2,745	4,670
YELLOW PERCH	-	-	-	-	695	2,960
YELLOW PIKE	-	-	-	3,500	560	670
OTHER FILLLETS	-	-	-	-	230	2,275
LAKE HERRING AND CISCO (EXCEPT FILLETS)	5,652	4,265	-	-	150,291	44,364
LAKE TROUT	-	-	2,617	17,446	33,457	13,515
PICKEREL (JACKS OR YELLOW JACK)	-	993	3,101	16,215	17,750	352
STURGEON AND SPOONBILL CAT	2,424	2,629	808	9,145	25,482	74,278
SUCKERS	-	-	-	2,200	292	1,000
TULLIBEE	1,121	-	-	7,000	2,459	4,673
YELLOW PERCH (EXCEPT FILLETS)	249	-	-	7,632	-	10,987
YELLOW PIKE (EXCEPT FILLETS)	881	-	-	7,961	17,130	30,043
WHITEFISH	19,691	3,371	385	1,773	60,926	92,568
UNCLASSIFIED FRESH-WATER FISH	71,324	20,589	83,377	102,517	76,083	126,713
TOTAL, FRESH-WATER FISH	106,193	57,973	97,732	213,737	432,419	615,357
HELLFISH:						
CLAMS	7,671	3,703	44,450	27,511	14,503	24,446
CRABS (INCLUDING CRAB MEAT)	19,910	6,619	24,033	79,992	319,323	201,226
LOBSTER TAILS (SPINY LOBSTER)	101,121	80,546	62,698	8,058	16,862	4,534
OYSTERS	49,625	14,793	211,192	51,439	80,633	32,903
SCALLOPS	47,099	35,837	90,935	227,090	388,212	618,202
SHRIMP (INCLUDING SHRIMP MEAT)	1,025,169	692,470	804,753	1,411,054	2,923,864	1,588,381
SQUID	17,723	39,570	33,658	12,428	501,572	516,744
UNCLASSIFIED SHELLFISH	68,629	35,659	35,771	64,446	100,779	121,992
TOTAL, SHELLFISH	1,336,947	909,197	1,307,490	1,882,018	4,345,748	3,108,428
TOTAL, FISH AND SHELLFISH	6,383,857	7,927,271	14,364,531	15,227,372	38,088,431	40,920,389

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PRODUCTION OF FROZEN FISHERY PRODUCTS IN THE UNITED STATES AND ALASKA, 1948 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SALT-WATER FISH:							
BAIT AND ANIMAL FOOD .	734,716	754,512	809,096	1,124,277	554,959	262,220	10,923,410
BLUEFISH	3,891	125,611	58,194	12,336	689	798	264,047
BUTTERFISH	106,852	177,596	160,008	105,332	26,166	44,178	686,845
COD, HADDOCK, HAKE AND POLLOCK (EX. FILLETS)	68,320	57,209	138,229	265,004	543,339	72,198	1,675,278
CROAKERS	134,256	114,392	79,426	41,718	-	1,416	877,813
EELS	9,793	3,288	8,135	28,947	14,169	61,954	166,763
FILLETS:							
COD	503,453	352,464	401,189	784,804	609,720	257,218	6,465,956
FLOUNDER (INC. SOLE)	1,691,359	1,057,396	1,011,585	904,253	419,023	193,176	9,338,563
HADDOCK	3,213,275	2,302,976	1,910,309	1,760,601	1,974,137	703,596	21,551,122
LINGCOD	11,932	27,625	23,875	22,651	2,366	14,645	381,469
MACKEREL	382,578	563,699	12,093	15,508	54,061	12,659	1,833,014
POLLOCK	500,002	284,224	251,498	353,405	2,138,557	1,731,494	8,398,785
ROSEFISH	6,455,261	7,535,021	7,056,364	6,654,339	4,701,830	2,762,037	62,505,200
WHITING (INCLUDING SPLIT BUTTERFLY). .	2,111,480	1,537,466	507,679	317,620	451,560	116,370	7,192,210
OTHER FILLETS . . .	196,080	221,040	282,206	243,950	265,417	167,784	2,617,966
FLOUNDERS (INC. SOLE, FLUKE, CAL. HALIBUT) .	137,889	53,199	112,622	183,149	233,360	60,364	1,171,080
HALIBUT	5,623,819	743,601	239,536	45,115	20,875	-	30,018,413
HERRING, SEA	32,748	17,831	278,725	246,731	194,128	495,471	3,366,245
MACKEREL (EX. FILLETS, & SPANISH AND KING) .	1,859,543	1,745,378	84,805	90,687	546,677	496,242	5,655,082
MULLET	42,293	20,688	55,124	298,011	143,623	203,095	883,661
SABLEFISH (BLACK COD).	1,280,182	1,118,708	1,243,778	686,935	120,776	725	5,422,828
SALMON:							
KING OR CHINOOK . .	933,915	829,938	774,638	114,665	39,569	1,397	4,464,779
SILVER OR COHO . . .	1,546,701	2,724,555	1,424,290	339,281	134,165	7,459	6,276,408
FALL OR CHUM	13,602	583,348	259,755	553,146	449,413	3,334	1,862,598
PINK	23,239	129,933	23,989	-	-	-	177,161
STEELHEAD TROUT . .	22,734	20,528	43,386	7,962	33,620	4,080	139,514
UNCLASSIFIED	125,989	141,837	567,826	143,081	8,320	-	1,105,524
SCUP (PORGIES)	255,044	30,087	179,398	118,572	11,851	39,248	1,460,980
SEA TROUT (WEAKFISH, GRAY & SPOTTED). . .	28,661	78,546	134,433	19,632	23,994	14,822	411,727
SHAD (INC. ROE SHAD) .	41,995	-	-	-	-	-	283,362
SHAD ROE	-	-	-	-	-	-	54,112
SMELT	77,841	37,431	24,390	51,363	22,439	18,497	1,475,990
SWORDFISH	8,393	585,449	156,278	138,988	4,375	-	893,753
TUNA	2,424,360	1,306,662	795,861	562,733	452,060	490,812	6,301,180
WHITING (SILVER HAKE):							
ROUND	1,923,174	1,066,203	1,348,293	717,315	362,990	202,833	8,693,572
HEADED & GUTTED (EXCEPT FILLETS) .	4,105,544	2,361,952	2,183,303	1,570,316	395,675	260,526	17,605,876
UNCLASSIFIED SALT-WATER FISH	1,106,728	1,809,068	1,282,412	927,693	557,381	747,585	12,485,794
TOTAL, SALT-WATER FISH	37,737,642	30,519,461	23,922,728	19,450,120	15,511,284	9,448,233	245,088,080
FRESH-WATER FISH:							
BAIT AND ANIMAL FOOD .	1,480	150	-	-	722,095	1,553,000	2,327,797
BLUE PIKE AND SAUGER (EXCEPT FILLETS) . .	37,932	13,214	36,692	270,524	18,928	-	422,368
CATFISH AND BULLHEADS.	15,529	3,289	8,901	36,837	62,361	56,304	262,040
CHUBS.	178,572	172,270	69,177	145,100	94,200	123,089	934,816
FILLETS:							
BLUE PIKE & SAUGER .	3,650	6,247	13,213	22,758	21,725	4,000	79,008
LAKE HERRING	-	-	-	-	32,948	22,020	54,968
YELLOW PERCH	625	11,550	12,990	16,734	5,225	-	50,779
YELLOW PIKE	1,245	4,571	468	6,015	3,050	-	20,079
OTHER FILLETS . . .	40	-	100	-	-	2,090	4,735
LAKE HERRING & CISCO (EXCEPT FILLETS) . .	20,690	54,451	48,865	75,049	564,499	726,224	1,694,350
LAKE TROUT	19,785	16,771	28,817	57,179	36,420	6,303	232,310
PICKEREL (JACKS OR YELLOW JACK) . . .	665	-	46,254	17,794	37,273	1,048	141,445
STURGEON AND SPOONBILL CAT	45,100	40,913	17,649	30,932	14,693	3,732	267,785
SUCKERS	800	-	-	2,745	120	-	7,157
TULLIBEE	30,333	8,927	43,909	18,829	4,237	-	121,488
YELLOW PERCH (EXCEPT FILLETS).	14,055	148,766	28,812	35,090	11,914	946	258,451
YELLOW PIKE (EXCEPT FILLETS).	28,448	23,782	9,911	13,710	26,570	346	158,782
WHITEFISH	57,380	56,330	16,170	93,738	51,419	216,418	670,169
UNCLASSIFIED FRESH-WASTER FISH	70,196	108,356	71,331	259,360	187,180	93,100	1,270,126
TOTAL, FRESH-WATER FISH	526,525	669,587	453,259	1,102,394	1,894,857	2,808,620	8,978,653

(CONTINUED ON NEXT PAGE)

DUCTION OF FROZEN FISHERY PRODUCTS IN THE UNITED STATES AND ALASKA, 1948 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LLFISH:							
AMS	18,011	11,095	3,392	12,195	14,834	10,272	192,083
RABS (INCL. CRAB MEAT)	162,383	206,508	95,297	71,907	72,704	53,777	1,313,679
OBSTER TAILS (SPINY LOBSTER)	3,482	14,355	25,848	102,557	136,396	102,189	658,646
YSTERS	27,757	7,031	3,688	25,840	32,257	35,020	572,178
CALLOPS	595,154	677,657	569,389	509,512	424,652	224,501	4,408,240
HRIMP (INCLUDING SHRIMP MEAT)	1,078,088	2,334,172	3,918,734	5,727,094	3,954,613	2,663,095	28,121,487
QUID	136,500	91,249	12,560	21,567	244,474	135,594	1,763,639
NCLASSIFIED SHELLFISH.	65,320	66,546	107,360	89,327	92,653	42,812	891,294
TOTAL, SHELLFISH . .	2,086,695	3,408,613	4,736,268	6,559,999	4,972,583	3,267,260	37,921,246
TOTAL, FISH AND SHELLFISH	40,350,862	34,597,661	29,112,255	27,112,513	22,378,724	15,524,113	291,987,979

PRODUCTION OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND SPECIES, 1948

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
T-WATER FISH:					
AIT AND ANIMAL FOOD	1,849,393	2,422,924	166,355	-	-
LUEFISH	14,353	235,031	13,298	1,175	-
TTERFISH	252,924	399,350	34,571	-	-
OD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS)	435,526	997,568	6,145	-	-
OAKERS	-	142,653	722,801	-	-
LS	46,748	100,473	11,656	7,886	-
LLETS:					
COD	5,853,273	132,096	2,774	-	-
FLOUNDER (INCLUDING SOLE)	5,365,945	88,646	2,500	-	-
HADDOCK	21,485,503	65,319	300	-	-
MACKEREL	1,792,656	650	8,450	-	-
POLLOCK	8,398,645	140	-	-	-
ROSEFISH	62,505,200	-	-	-	-
WHITING (INCLUDING SPLIT BUTTERFLY)	7,192,210	-	-	-	-
OTHER FILLETS	1,345,561	3,513	35,879	-	-
OUNDERS (INCLUDING SOLE, FLUKE, CAL.HALIBUT)	356,137	439,604	16,646	1,505	-
LIBUT	106,047	10,051	-	-	-
RRING, SEA	2,688,943	607,937	330	46,800	-
ACKEREL (EXCEPT FILLETS, AND SPANISH & KING).	4,522,437	1,113,430	4,243	-	-
LET	-	108,466	476,852	10,809	-
MON, UNCLASSIFIED	5,672	41,066	-	-	-
P (PORGIES)	775,597	456,165	228,361	217	-
TROUT (WEAKFISH, GRAY AND SPOTTED)	-	67,226	265,765	-	-
D (INCLUDING ROE SHAD)	8,640	15,136	44,610	1,439	-
AD ROE	55	24,038	16,307	2,209	-
MELT	87,571	37,101	4,548	142,487	375
ORDFISH	726,110	5,760	-	-	-
NA	541,687	42,998	-	-	-
ITING (SILVER HAKE):					
ROUND	7,813,867	879,705	-	-	-
HEADED AND GUTTED (EXCEPT FILLETS)	17,584,326	20,550	1,000	-	-
NCLASSIFIED SALT-WATER FISH	2,003,088	1,411,630	925,634	661,046	30,381
TOTAL, SALT-WATER FISH	153,758,114	9,869,226	2,989,025	875,573	30,756
SH-WATER FISH:					
AIT AND ANIMAL FOOD	-	-	-	98,797	2,229,000
LUE PIKE AND SAUGER (EXCEPT FILLETS)	-	19,519	-	348,755	38,501
ATFISH AND BULLHEADS	5,430	2,826	135,215	37,092	36,880
HUBS	162,077	205,937	860	565,942	-
ILLETS:					
BLUE PIKE AND SAUGER	-	6,348	-	72,483	177
LAKE HERRING	-	-	-	54,968	-
YELLOW PERCH	-	64	-	50,715	-
YELLOW PIKE	-	1,079	-	19,000	-
OTHER FILLETS	-	180	-	4,555	-

(CONTINUED ON NEXT PAGE)

PRODUCTION OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND SPECIES, 1948 - Continued

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORT CENTR WES
	POUNDS	POUNDS	POUNDS	POUNDS	POUN
FRESH-WATER FISH - CONTINUED:					
LAKE HERRING AND CISCO (EX. FILLETS)	2,615	247,660	14,219	989,856	440,
LAKE TROUT	2,162	63,435	-	83,397	83,
PICKEREL (JACKS OR YELLOW JACK)	-	30,641	-	36,804	74,
STURGEON AND SPOONBILL CAT	-	240,806	4,930	22,049	-
SUCKERS	-	-	1,000	6,157	-
TULLIBEE	-	22,383	5,190	26,915	67,
YELLOW PERCH (EXCEPT FILLETS)	-	549	-	257,902	-
YELLOW PIKE (EXCEPT FILLETS)	-	79,131	-	77,901	
WHITEFISH	21,402	355,245	15,284	259,303	18,
UNCLASSIFIED FRESH-WATER FISH	620	609,628	43,096	363,274	170,
TOTAL, FRESH-WATER FISH	194,306	1,885,431	219,794	3,375,865	3,158,
SHELLFISH:					
CLAMS	71,683	6,268	3,870	-	-
CRABS, (INCLUDING CRAB MEAT)	1,050	20,372	795,103	-	
LOBSTER TAILS (SPINY LOBSTER)	780	6,072	349,938	3,841	11,
OYSTERS	17,010	3,140	219,693	360	-
SCALLOPS	3,540,757	791,263	61,862	3,478	2,
SHRIMP (INCLUDING SHRIMP MEAT)	164,735	1,925,070	934,738	61,751	-
SQUID	938,869	446,482	96,975	-	-
UNCLASSIFIED SHELLFISH	281,474	431,110	68,144	1,012	3,
TOTAL, SHELLFISH	5,016,358	3,629,777	2,530,323	70,442	18,
TOTAL, FISH AND SHELLFISH	158,968,778	15,384,434	5,739,142	4,321,880	3,207,

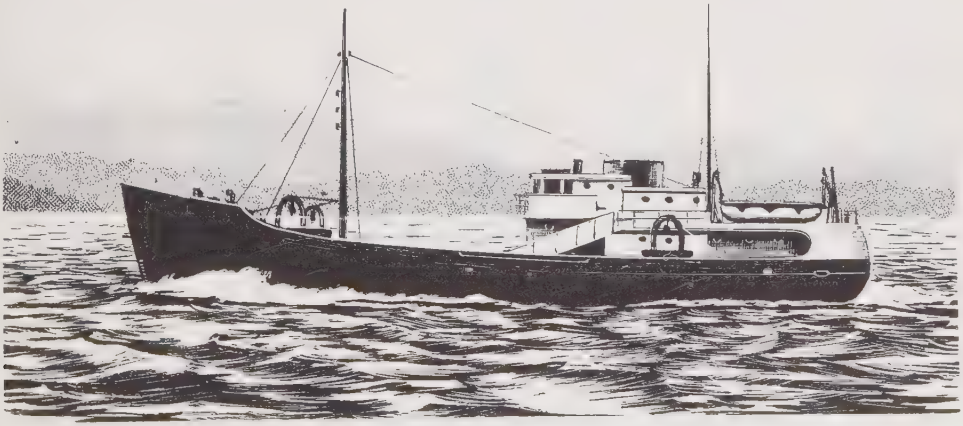
SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTA
	POUNDS	POUNDS	POUNDS	POUND
SALT-WATER FISH:				
BAIT AND ANIMAL FOOD	210,353	3,354,639	2,919,746	10,923,
BLUEFISH	190	-	-	264,
BUTTERFISH	-	-	-	686,
COD, HADDOCK, HAKE AND POLLOCK (EX. FILLETS)	421	235,618	-	1,675,
CROAKERS	12,359	-	-	877,
EELS	-	-	-	166,
FILLETS:				
COD	-	477,813	-	6,465,
FLOUNDER (INCLUDING SOLE)	400	3,881,072	-	9,338,
HADDOCK	-	-	-	21,551,
LINGCOD	-	381,469	-	381,
MACKEREL	-	31,258	-	1,833,
POLLOCK	-	-	-	8,398,
ROSEFISH	-	-	-	62,505,
WHITING (INCLUDING SPLIT BUTTERFLY)	-	-	-	7,192,
OTHER FILLETS	17,918	1,211,420	3,675	2,617,
FLOUNDERS (INCLUDING SOLE, FLUKE, CAL. HALIBUT)	144,670	212,518		1,171,
HALIBUT	-	6,554,988	23,347,327	30,018,
HERRING, SEA	-	22,235	-	3,366,
MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	-	14,972	-	5,655,
MULLET	287,534	-	-	883,
SABLEFISH (BLACK COD)	-	1,593,378	3,829,450	5,422,
SALMON:				
KING OR CHINOOK	-	2,073,246	2,391,533	4,464,
SILVER OR COHO	-	1,317,102	4,959,306	6,276,
FALL OR CHUM	-	868,998	993,600	1,862,
PINK	-	180	176,981	177,
STEELHEAD TROUT	-	111,040	28,474	139,
UNCLASSIFIED	-	639,908	418,878	1,105,
SCUP (PORGIES)	640	-	-	1,460,
SEA TROUT (WEAKFISH, GRAY AND SPOTTED)	78,736	-	-	411,
SHAD (INCLUDING ROE SHAD)	-	213,537	-	283,
SHAD ROE	-	11,503	-	54,
SMELT	-	1,203,908	-	1,475,
SWORDFISH	-	161,883	-	893,
TUNA	-	5,412,634	303,861	6,301,
WHITING (SILVER HAKE):				
ROUND	-	-	-	8,693,
HEADED AND GUTTED (EXCEPT FILLETS)	-	-	-	17,605,
UNCLASSIFIED SALT-WATER FISH	1,702,207	4,728,494	1,023,314	12,485,
TOTAL, SALT-WATER FISH	2,455,428	34,713,813	40,396,145	245,088,

(CONTINUED ON NEXT PAGE)

PRODUCTION OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND SPECIES, 1948 - Continued

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
SH-WATER FISH:				
AIT AND ANIMAL FOOD	-	-	-	2,327,797
LUE PIKE AND SAUGER (EXCEPT FILLETS)	15,593	-	-	422,368
ATFISH AND BULLHEADS	44,597	-	-	262,040
HUBS	-	-	-	934,816
ILLETS:				
BLUE PIKE AND SAUGER	-	-	-	79,008
LAKE HERRING	-	-	-	54,968
YELLOW PERCH	-	-	-	50,779
YELLOW PIKE	-	-	-	20,079
OTHER FILLETS	-	-	-	4,735
AKE HERRING AND CISCO (EXCEPT FILLETS) . . .	-	-	-	1,694,350
AKE TROUT	-	-	-	232,310
ICKEREL (JACKS OR YELLOW JACK)	-	-	-	141,445
TURGEON AND SPOONBILL CAT	-	-	-	267,785
UCKERS	-	-	-	7,157
ULLIBEE	-	-	-	121,488
ELLOW PERCH (EXCEPT FILLETS)	-	-	-	258,451
ELLOW PIKE (EXCEPT FILLETS)	1,444	-	-	158,782
HITEFISH	-	-	-	670,169
NCLASSIFIED FRESH-WATER FISH	81,950	1,340	-	1,270,126
TOTAL, FRESH-WATER FISH	143,584	1,340	-	8,978,653
LLFISH:				
LAMS	777	101,378	8,107	192,083
RABS, (INCLUDING CRAB MEAT)	95,747	369,847	30,995	1,313,679
OBSTER TAILS (SPINY LOBSTER)	10,745	276,049	-	658,646
YSTERS	50,111	281,864	-	572,178
CALLOPS	1,175	7,142	-	4,408,240
HRIMP (INCLUDING SHRIMP MEAT)	24,065,286	969,907	-	28,121,487
QUID	24	281,289	-	1,763,639
NCLASSIFIED SHELLFISH	65,345	40,549	-	891,294
TOTAL, SHELLFISH	24,289,210	2,328,025	39,102	37,921,246
TOTAL, FISH AND SHELLFISH	26,888,222	37,043,178	40,435,247	291,987,979

:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
NEW ENGLAND--MAINE, NEW HAMPSHIRE, MASSACHUSETTS, VERMONT, RHODE ISLAND, AND CONNECTICUT.
MIDDLE ATLANTIC--NEW YORK, NEW JERSEY AND PENNSYLVANIA.
SOUTH ATLANTIC--DELAWARE, MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, WEST VIRGINIA, NORTH CAROLINA, SOUTH CAROLINA, GEORGIA, AND FLORIDA.
NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, SOUTH DAKOTA, NEBRASKA, AND KANSAS.
SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, AND ARKANSAS.
PACIFIC--WASHINGTON, OREGON, AND CALIFORNIA.
ALASKA



PACIFIC COAST KING CRAB TRAWLER
EQUIPPED WITH FREEZER

PRODUCTION OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND MONTHS, 1948

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRA WEST
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY	3,470,556	376,679	210,096	68,590	8,2
FEBRUARY	4,931,284	388,120	355,753	38,011	6,4
MARCH	8,597,622	525,771	501,437	11,721	5,9
APRIL	9,783,170	1,331,369	221,445	273,209	17,0
MAY	15,771,449	1,218,328	336,677	336,890	24,0
JUNE	22,539,665	1,328,602	426,490	304,230	63,1
JULY	23,625,459	1,469,613	518,909	280,176	48,4
AUGUST	20,669,212	1,744,821	694,508	351,803	30,1
SEPTEMBER	16,351,284	1,772,167	602,500	155,155	118,6
OCTOBER	14,035,667	2,058,327	772,923	824,089	128,5
NOVEMBER	12,292,999	1,828,587	566,046	707,116	1,064,2
DECEMBER	6,900,411	1,342,050	532,358	970,890	1,692,1
TOTAL	158,968,778	15,384,434	5,739,142	4,321,880	3,207,0

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY	1,031,741	1,115,773	102,214	6,383,8
FEBRUARY	647,914	624,185	935,600	7,927,2
MARCH	681,096	2,587,123	1,453,799	14,364,5
APRIL	1,568,688	1,716,593	315,843	15,227,3
MAY	3,202,926	5,703,092	11,494,981	38,088,4
JUNE	1,812,221	4,191,957	10,254,112	40,920,3
JULY	869,333	6,523,556	7,015,334	40,350,8
AUGUST	1,940,223	3,616,239	5,550,677	34,597,6
SEPTEMBER	3,479,665	3,940,400	2,692,431	29,112,2
OCTOBER	5,360,091	3,390,085	542,760	27,112,5
NOVEMBER	3,710,633	2,133,191	75,885	22,378,7
DECEMBER	2,583,691	1,500,984	1,611	15,524,1
TOTAL	26,888,222	37,043,178	40,435,247	291,987,9

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 53

PRODUCTION OF FROZEN FISHERY PRODUCTS, 1932 - 1948

YEAR	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC 1/	TOTAL
	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 LB.	1,000 L
1932	39,856	13,323	3,297	8,495	2,423	1,820	23,258	92,4
1933	39,604	14,258	3,056	8,107	2,148	1,801	26,900	95,8
1934	58,460	16,363	3,766	12,019	3,170	2,864	37,052	133,4
1935	77,989	12,140	3,600	11,800	2,411	3,068	38,635	149,6
1936	96,173	20,068	5,791	13,002	2,659	5,002	36,579	179,2
1937	79,772	22,845	5,294	8,450	3,112	4,674	44,077	168,2
1938	87,097	22,952	7,757	10,525	3,836	7,410	46,519	186,0
1939	85,874	22,083	8,053	15,859	2,856	10,227	38,456	183,4
1940	87,370	22,163	6,578	15,744	3,319	12,937	48,044	196,1
1941	117,850	30,897	8,435	16,818	4,291	19,180	49,117	246,5
1942	118,462	31,891	7,565	14,150	5,043	16,935	53,119	247,1
1943	100,790	33,105	8,915	15,893	10,283	12,874	64,193	246,0
1944	120,958	32,138	8,184	11,052	4,789	10,602	72,814	266,5
1945	125,278	23,973	6,007	6,604	4,[illegible]18	23,085	96,436	28[illegible],0
1946	131,823	19,415	6,416	4,503	2,399	23,429	92,080	280,0
1947	125,900	16,627	7,142	3,892	809	27,557	64,697	246,5
1948	158,969	15,384	5,739	4,322	3,207	26,888	77,479	291,9

1/ INCLUDES ALASKA.

HOLDINGS

Holdings of frozen fishery products in domestic cold storage plants reporting to the Fish and Wildlife Service on the first of each month during 1948 averaged 114,762,365 pounds. This monthly average is 1,592,484 pounds above the figures of the previous year, but almost 4.5 million pounds below those in the record year of 1946. Ten years earlier in 1938, these holdings averaged only 67,994,000 pounds. Holdings on January 1, were 133,843,860 pounds, this being a carryover from the 1947 holdings. The December 1 holdings totaled 158,007,754 pounds, while a low of 68,267,629 pounds was reached on May 1. According to the geographical distribution of average monthly holdings, the New England States ranked first, followed by the Middle Atlantic and North Central East States.

HOLDINGS OF FROZEN FISHERY PRODUCTS: BY SPECIES AND MONTHS, 1948

SPECIES	JANUARY 1	FEBRUARY 1	MARCH 1	APRIL 1	MAY 1
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
T-WATER FISH:					
AIT AND ANIMAL FOOD	2,220,824	2,635,370	3,160,528	4,415,071	4,605,291
UEFISH	209,729	176,885	137,893	114,705	91,922
UTTERFISH	529,706	345,273	191,917	93,003	45,481
OD, HADDOCK, HAKE AND POLLOCK (EX. FILLETS)	1,333,492	884,479	1,078,154	960,442	853,131
OAKERS	377,662	218,802	98,192	341,136	239,708
ELS	336,783	402,481	386,365	336,431	306,516
LLETS:					
COD	5,295,664	4,394,707	2,714,591	2,189,982	3,328,913
FLOUNDER (INCLUDING SOLE)	1,520,851	831,197	367,421	321,424	573,968
HADDOCK	6,073,397	4,076,551	2,645,876	3,305,691	3,883,260
LINGCOD	107,208	86,970	74,093	81,860	80,343
MACKEREL	641,806	544,263	362,515	284,271	163,743
POLLOCK	2,534,663	2,398,368	1,965,583	1,793,843	1,858,747
ROSEFISH	10,273,314	8,061,656	6,560,387	6,150,149	5,785,792
WHITING (INCLUDING SPLIT BUTTERFLY) . .	2,095,242	1,290,698	602,665	380,995	394,281
OTHER FILLETS	918,216	791,129	713,030	552,451	843,248
LOUNDERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT)	665,274	471,441	342,624	337,401	356,941
ALIBUT	14,034,212	11,220,502	8,374,003	5,365,154	3,297,391
ERRING, SEA	1,506,489	1,372,160	1,041,404	472,884	586,822
ACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	8,447,865	6,873,586	4,755,684	2,440,289	1,466,564
ULLET	426,014	433,379	239,056	129,444	215,483
ABLEFISH (BLACK COD)	2,667,021	2,182,183	1,867,572	1,346,869	989,890
ALMON:					
KING OR CHINOOK	4,130,425	3,447,841	2,677,896	1,838,263	1,429,712
SILVER OR COHO	4,723,777	3,939,601	3,465,828	2,356,553	1,607,886
FALL OR CHUM	2,018,483	2,059,365	1,682,914	1,366,699	1,127,523
PINK	311,614	322,355	254,849	220,775	42,049
STEELHEAD TROUT	58,459	53,716	36,613	27,348	22,228
UNCLASSIFIED	1,948,700	1,386,322	1,213,451	1,335,576	1,092,673
CUP (PORGIES)	413,031	144,026	116,938	93,654	135,263
EA TROUT (WEAKFISH, GRAY AND SPOTTED) . .	557,012	398,220	235,975	207,691	214,757
HAD (INCLUDING ROE SHAD)	428,589	429,004	381,801	317,309	322,153
HAD ROE	53,892	54,223	45,176	35,555	54,218
MELT	724,411	760,749	1,492,925	2,437,978	2,206,775
ORDFISH	797,773	741,507	802,935	718,878	845,220
UNA	705,936	1,163,324	180,053	107,850	103,096
ITING (SILVER HAKE):					
ROUND	3,201,391	3,170,737	1,721,990	807,901	438,381
HEADED AND GUTTED (EXCEPT FILLETS) . . .	7,628,340	6,004,497	4,783,177	3,970,198	2,717,738
CLASSIFIED SALT-WATER FISH	8,249,791	7,259,996	7,162,824	6,563,404	6,215,702
TOTAL, SALT-WATER FISH	98,167,056	81,027,563	63,934,898	53,819,127	48,542,809
H-WATER FISH:					
IT AND ANIMAL FOOD	2,188,835	1,559,478	1,446,685	1,450,910	1,418,590
UE PIKE AND SAUGER (EXCEPT FILLETS) . .	388,339	439,736	443,324	396,431	268,077
TFISH AND BULLHEADS	238,460	175,662	126,845	62,121	128,582
UBS	373,015	315,220	138,021	69,393	59,649
LLETS:					
BLUE PIKE AND SAUGER	135,043	132,373	106,843	37,337	74,265
LAKE HERRING	347,939	184,570	116,503	215,679	91,662
YELLOW PERCH	65,693	105,335	48,628	41,329	68,041
YELLOW PIKE	76,035	97,291	98,538	102,465	60,108
OTHER FILLETS	261,475	232,131	203,715	81,289	98,624
KE HERRING AND CISCO (EXCEPT FILLETS). .	1,957,532	1,533,942	1,024,733	589,283	506,693
AKE TROUT	537,687	432,671	338,081	274,508	198,506
CKEREL (JACKS OR YELLOW JACK)	87,587	66,768	98,632	116,741	83,939
TURGEON AND SPOONBILL CAT	401,177	312,207	185,716	53,392	57,111
UCKERS	24,471	19,593	31,428	28,284	32,308
ULLIBEE	168,390	131,757	126,975	212,900	117,981
ELLOW PERCH (EXCEPT FILLETS)	255,341	115,594	66,337	48,710	48,972
ELLOW PIKE (EXCEPT FILLETS)	223,893	215,602	205,277	176,784	143,711
HITEFISH	2,079,474	1,648,258	1,633,880	1,297,582	842,570
UNCLASSIFIED FRESH-WATER FISH	1,113,766	1,087,806	1,260,569	1,125,470	888,074
TOTAL, FRESH-WATER FISH	10,924,152	8,805,994	7,700,730	6,380,608	5,187,463
LLFISH:					
CLAMS	153,039	142,338	174,950	159,920	251,060
CRABS (INCLUDING CRAB MEAT)	543,255	502,663	395,388	280,294	268,933
LOBSTER TAILS (SPINY LOBSTER)	952,408	790,954	1,089,428	933,130	952,709
OYSTERS	168,811	151,865	104,607	222,923	204,035
SCALLOPS	2,140,696	1,607,627	1,168,167	766,059	684,293
SHRIMP (INCLUDING SHRIMP MEAT)	17,876,429	16,191,661	13,621,765	12,407,613	10,645,280
SQUID	1,785,780	1,644,894	1,292,026	880,971	647,840
UNCLASSIFIED SHELLFISH	1,132,234	1,180,106	1,009,222	892,591	883,207
TOTAL, SHELLFISH	24,752,652	22,212,108	18,855,553	16,543,501	14,537,357
TOTAL, FISH AND SHELLFISH	133,843,860	112,045,665	90,491,181	76,743,236	68,267,629

(CONTINUED ON NEXT PAGE)

HOLDINGS OF FROZEN FISHERY PRODUCTS: BY SPECIES AND MONTHS, 1948 - Continued

SPECIES	JUNE 1	JULY 1	AUGUST 1	SEPTEMBER
	POUNDS	POUNDS	POUNDS	POUND
SALT-WATER FISH:				
BAIT AND ANIMAL FOOD	3,716,670	3,390,696	2,537,138	1,845,7
BLUEFISH	93,980	122,846	110,931	258,0
BUTTERFISH	37,895	55,024	147,603	287,8
COD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS)	875,317	1,004,118	1,053,392	1,356,9
CROAKERS	202,124	286,050	458,838	687,2
EELS	302,743	296,226	294,516	248,2
FILLETS:				
COD	3,891,178	4,487,226	5,392,305	6,304,1
FLOUNDER (INCLUDING SOLE)	1,195,795	2,362,952	3,529,390	4,004,0
HADDOCK	3,474,326	4,746,722	7,209,837	7,006,5
LINGCOD	151,043	281,893	239,661	190,3
MACKEREL	175,229	742,322	942,100	1,290,0
POLLOCK	1,530,799	1,469,386	1,438,485	1,243,9
ROSEFISH	8,859,695	8,378,557	10,561,990	11,196,5
WHITING (INCLUDING SPLIT BUTTERFLY)	451,864	2,086,191	3,183,198	3,395,3
OTHER FILLETS	892,699	962,446	917,023	907,4
FLOUNDERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT)	467,077	663,066	877,197	933,7
HALIBUT	15,919,204	20,117,975	27,285,281	24,711,9
HERRING, SEA	832,219	661,869	560,032	462,7
MACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	1,045,622	1,602,492	3,217,505	4,385,7
MULLET	126,174	103,284	166,598	198,0
SABLEFISH (BLACK COD)	866,306	1,128,041	2,334,521	3,292,9
SALMON:				
KING OR CHINOOK	1,250,964	2,430,573	2,663,504	3,891,3
SILVER OR COHO	1,000,779	647,393	1,845,264	3,587,6
FALL OR CHUM	979,118	689,083	767,445	1,282,5
PINK	179,620	20,122	247,078	277,8
STEELHEAD TROUT	35,368	61,433	76,223	62,4
UNCLASSIFIED	603,232	625,946	573,617	1,522,3
SCUP (PORGIES)	392,137	1,017,912	1,121,088	1,038,5
SEA TROUT (WEAKFISH, GRAY AND SPOTTED)	222,916	202,393	195,839	266,3
SHAD (INCLUDING ROE SHAD)	339,615	313,245	313,313	316,9
SHAD ROE	98,418	69,085	60,166	66,9
SMELT	2,053,324	1,929,486	1,929,052	1,596,7
SWORDFISH	708,913	578,222	467,818	1,270,8
TUNA	1,216,348	97,806	2,419,545	2,428,4
WHITING (SILVER HAKE):				
ROUND	1,053,392	1,902,767	4,357,764	4,663,8
HEADED AND GUTTED (EXCEPT FILLETS)	2,971,313	6,166,162	9,574,103	10,341,7
UNCLASSIFIED SALT-WATER FISH	7,794,895	8,570,310	9,722,252	9,533,7
TOTAL, SALT-WATER FISH	66,008,311	80,271,320	108,791,612	116,356,1
FRESH-WATER FISH:				
BAIT AND ANIMAL FOOD	1,277,770	1,352,026	1,131,121	708,1
BLUE PIKE AND SAUGER (EXCEPT FILLETS)	257,485	250,494	324,514	266,3
CATFISH AND BULLHEADS	177,503	246,555	257,489	206,9
CHUBS	72,375	181,626	383,074	585,6
FILLETS:				
BLUE PIKE AND SAUGER	108,334	68,856	38,141	61,7
LAKE HERRING	85,672	41,405	37,555	56,5
YELLOW PERCH	96,544	76,450	75,648	108,2
YELLOW PIKE	52,177	44,967	43,406	26,5
OTHER FILLETS	148,956	89,851	29,511	83,2
LAKE HERRING AND CISCO (EXCEPT FILLETS)	570,218	600,715	568,729	472,7
LAKE TROUT	222,759	212,613	227,025	299,9
PICKEREL (JACKS OR YELLOW JACK)	97,402	90,252	112,719	62,6
STURGEON AND SPOONBILL CAT	70,698	140,988	186,828	214,1
SUCKERS	31,003	31,423	28,868	27,4
TULLIBEE	114,579	132,971	257,695	332,5
YELLOW PERCH (EXCEPT FILLETS)	38,492	112,407	164,767	248,0
YELLOW PIKE (EXCEPT FILLETS)	141,114	153,858	132,959	139,4
WHITEFISH	799,024	900,225	892,646	1,147,7
UNCLASSIFIED FRESH-WATER FISH	875,243	1,040,562	1,246,164	1,273,8
TOTAL, FRESH-WATER FISH	5,237,348	5,768,244	6,138,859	6,322,0
SHELLFISH:				
CLAMS	160,673	240,562	465,820	353,1
CRABS (INCLUDING CRAB MEAT)	504,035	754,976	505,061	591,2
LOBSTER TAILS (SPINY LOBSTER)	880,501	674,793	589,778	646,4
OYSTERS	277,494	302,477	288,144	222,3
SCALLOPS	775,535	1,343,057	1,676,214	2,238,6
SHRIMP (INCLUDING SHRIMP MEAT)	9,765,620	8,504,344	6,297,496	6,589,4
SQUID	1,209,429	1,676,739	1,706,318	1,682,6
UNCLASSIFIED SHELLFISH	781,725	1,000,309	1,014,643	925,7
TOTAL, SHELLFISH	14,355,012	14,497,257	12,543,474	13,249,6
TOTAL, FISH AND SHELLFISH	85,600,671	100,536,821	127,473,945	135,927,8

(CONTINUED ON NEXT PAGE)

HOLDINGS OF FROZEN FISHERY PRODUCTS: BY SPECIES AND MONTHS, 1948 - Continued

SPECIES	OCTOBER 1	NOVEMBER 1	DECEMBER 1	DECEMBER 31
	POUNDS	POUNDS	POUNDS	POUNDS
-WATER FISH:				
IT AND ANIMAL FOOD	1,688,940	2,007,267	2,114,824	1,817,251
UEFISH	313,919	298,472	322,545	336,925
TTERFISH	380,722	489,045	383,302	395,561
OD, HADDOCK, HAKE AND POLLOCK (EXCEPT FILLETS)	1,476,837	1,985,427	2,206,627	1,667,729
OAKERS	679,958	536,773	348,930	313,842
LS	231,743	196,545	203,530	195,242
LLETS:				
COD	6,541,302	7,805,403	8,496,275	8,635,925
FLOUNDER (INCLUDING SOLE)	5,109,120	4,938,052	4,963,138	4,698,786
HADDOCK	6,647,184	6,692,633	7,833,158	7,157,472
LINGCOD	99,553	136,569	129,499	131,178
MACKEREL	731,879	730,402	628,696	574,156
POLLOCK	1,021,732	928,785	2,643,607	3,972,769
ROSEFISH	11,473,199	13,054,846	14,217,063	12,883,234
WHITING (INCLUDING SPLIT BUTTERFLY)	3,075,668	1,835,835	2,096,915	1,810,558
OTHER FILLETS	1,095,092	1,372,022	1,455,432	1,389,874
OUNDERS (INCLUDING SOLE, FLUKE, CALIFORNIA HALIBUT)	781,417	992,438	1,163,270	1,033,672
ALIBUT	22,151,173	19,231,269	16,789,458	13,516,355
RRING, SEA	780,903	882,374	946,275	1,231,265
ACKEREL (EXCEPT FILLETS, AND SPANISH AND KING)	4,156,070	3,235,851	3,718,953	4,017,300
ULLET	222,679	416,319	582,366	723,666
ABLEFISH (BLACK COD)	5,155,470	5,144,069	5,375,506	4,674,840
ALMON:				
KING OR CHINOOK	4,687,552	4,542,834	5,128,377	4,167,289
SILVER OR COHO	4,516,754	4,105,071	4,277,779	3,743,984
FALL OR CHUM	1,104,879	1,500,248	2,211,281	1,899,568
PINK	156,377	141,686	145,503	159,014
STEELHEAD TROUT	66,610	68,943	106,713	73,083
UNCLASSIFIED	1,912,644	1,525,356	1,894,200	1,479,270
CUP (PORGIES)	1,055,523	1,119,180	985,597	800,632
A TROUT (WEAKFISH, GRAY AND SPOTTED)	411,074	454,959	485,827	471,711
HAD (INCLUDING ROE SHAD)	280,998	286,664	262,728	229,402
AD ROE	52,702	82,924	66,884	59,118
ELT	1,597,653	1,492,248	1,517,352	1,430,634
ORDFISH	1,323,075	1,649,921	1,562,193	1,690,924
NA	1,978,131	1,396,322	1,006,147	906,200
ITING (SILVER HAKE):				
ROUND	6,511,767	6,171,587	6,075,882	5,164,531
HEADED AND GUTTED (EXCEPT FILLETS)	8,875,201	9,706,914	9,449,577	8,506,880
CLASSIFIED SALT-WATER FISH	9,953,358	12,752,792	11,949,862	12,389,989
TOTAL, SALT-WATER FISH	118,298,858	119,908,045	123,745,271	114,349,829
H-WATER FISH:				
IT AND ANIMAL FOOD	497,622	405,969	1,126,534	2,732,795
UE PIKE AND SAUGER (EXCEPT FILLETS)	344,257	758,749	835,752	955,039
TFISH AND BULLHEADS	168,433	210,331	314,173	346,343
HUBS	769,666	966,332	976,346	1,028,571
LETS:				
BLUE PIKE AND SAUGER	54,650	155,715	472,421	502,725
LAKE HERRING	30,607	33,545	151,152	123,342
YELLOW PERCH	258,483	308,075	270,600	229,591
YELLOW PIKE	44,148	56,460	57,477	84,742
OTHER FILLETS	106,631	30,838	166,713	119,657
KE HERRING AND CISCO (EXCEPT FILLETS)	569,304	491,151	1,075,883	1,806,814
KE TROUT	436,905	676,809	666,514	532,310
CKEREL (JACKS OR YELLOW JACK)	145,570	274,702	161,971	146,929
TURGEON AND SPOONBILL CAT	367,535	413,223	455,530	490,230
UCKERS	25,419	22,727	23,225	20,694
ULLIBEE	249,879	215,604	273,360	218,148
LLOW PERCH (EXCEPT FILLETS)	329,069	506,141	577,567	608,759
ELLOW PIKE (EXCEPT FILLETS)	133,377	156,106	316,589	191,387
HITEFISH	1,572,936	1,771,925	1,519,961	1,677,397
NCLASSIFIED FRESH-WATER FISH	786,158	1,427,469	1,377,280	1,096,012
TOTAL, FRESH-WATER FISH	6,890,649	8,881,871	10,819,048	12,911,485
LFISH:				
AMS	392,511	244,651	331,644	330,461
ABS (INCLUDING CRAB MEAT)	618,499	592,952	667,894	563,350
BSTER TAILS (SPINY LOBSTER)	642,828	680,278	596,434	780,738
STERS	191,741	254,308	233,615	270,299
ALLOPS	2,645,034	2,927,772	3,118,439	3,098,578
RIMP (INCLUDING SHRIMP MEAT)	7,977,531	12,147,416	16,060,175	16,725,598
UID	1,537,336	1,392,180	1,495,448	1,149,703
CLASSIFIED SHELLFISH	965,714	1,019,582	939,786	793,485
TOTAL, SHELLFISH	14,971,194	19,259,139	23,443,435	23,712,212
TOTAL, FISH AND SHELLFISH	140,160,701	148,049,055	158,007,754	150,973,526

--DATA ON THE HOLDINGS OF LOBSTER TAILS FOR THE MONTHS FROM JULY TO NOVEMBER INCLUSIVE ARE PARTLY ESTIMATED.

HOLDINGS OF FROZEN FISHERY PRODUCTS: BY GEOGRAPHICAL SECTIONS AND MONTHS, 1948

DATE	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL EAST	NORT CENTR WES
	POUNDS	POUNDS	POUNDS	POUNDS	POUN
JANUARY 1	31,969,205	26,884,095	4,731,976	23,103,169	9,034,
FEBRUARY 1	23,832,322	23,233,788	4,024,385	21,154,376	7,487,
MARCH 1	16,405,739	18,823,362	3,407,842	18,539,135	6,574,
APRIL 1	12,789,949	15,063,134	2,855,643	14,984,088	5,609,
MAY 1	12,544,036	13,591,564	2,739,006	13,130,279	5,047,
JUNE 1	16,505,888	13,403,505	2,290,783	13,461,025	4,872,
JULY 1	24,384,214	14,860,573	2,726,085	14,822,403	5,495,
AUGUST 1	36,154,324	18,502,100	2,897,637	18,045,362	6,084,
SEPTEMBER 1	39,780,269	22,060,364	4,184,113	18,252,887	6,022,
OCTOBER 1	38,298,661	25,603,315	5,726,568	20,244,462	6,263,
NOVEMBER 1	39,006,104	27,949,624	6,923,507	24,087,585	7,332,
DECEMBER 1	41,984,545	30,010,440	6,428,527	25,667,859	10,007,
AVERAGE	27,804,605	20,832,155	4,078,006	18,791,053	6,652,

DATE	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY 1	11,707,869	19,701,397	6,712,007	133,843,
FEBRUARY 1	9,348,456	18,437,582	4,526,976	112,045,
MARCH 1	8,078,426	13,932,845	4,728,874	90,491,
APRIL 1	6,712,447	13,656,472	5,011,758	76,743,
MAY 1	6,039,049	11,428,133	3,747,760	68,267,
JUNE 1	6,049,299	16,217,358	12,800,290	85,600,
JULY 1	5,290,996	15,366,781	17,589,801	100,536,
AUGUST 1	4,441,928	20,856,775	20,491,664	127,473,
SEPTEMBER 1	5,248,456	20,980,242	19,398,842	135,927,
OCTOBER 1	5,939,092	21,675,465	16,409,754	140,160,
NOVEMBER 1	9,748,578	21,617,085	11,383,643	148,049,
DECEMBER 1	11,862,303	22,559,818	9,486,357	158,007,
AVERAGE	7,543,908	18,035,829	11,023,977	114,762,

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGE 53

COLD-STORAGE HOLDINGS OF CURED FISH

During 1948, monthly cold storage holdings of cured herring averaged 10,429,717 pounds, while those of mild-cured salmon averaged 4,744,616 pounds. Compared with 1947, this represents a decrease of 3,383,751 pounds or 24 percent in the average monthly holdings of cured herring, and a decrease of 1,115,791 pounds or 19 percent in average mild-cured salmon stocks. Cold storage stocks of cured herring were largest on July 1 when they reached nearly 13 million pounds. The peak period for mild-cured salmon during 1948 was on January 1, when the stocks reached over 6.5 million pounds.

COLD STORAGE HOLDINGS OF CURED FISH

DATE	HERRING, CURED	SALMON, MILD CURED	OTHER	SMOKED	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
JANUARY 1	10,450,497	6,536,798	3,195,166	1,671,600	21,854,06
FEBRUARY 1	10,226,026	5,942,081	2,356,319	1,605,740	20,130,16
MARCH 1	10,972,148	4,988,668	1,465,248	1,760,814	19,186,87
APRIL 1	10,649,974	4,108,582	2,283,686	2,066,105	19,108,34
MAY 1	10,006,340	2,379,400	1,966,130	1,845,765	16,197,63
JUNE 1	11,637,098	2,766,693	2,827,662	1,713,861	18,945,31
JULY 1	12,983,177	2,999,020	1,462,784	1,620,445	19,065,42
AUGUST 1	12,335,130	4,933,633	1,940,243	1,586,816	20,795,82
SEPTEMBER 1	11,603,872	5,990,244	3,621,817	1,680,777	22,896,71
OCTOBER 1	10,032,386	5,890,556	4,119,977	1,520,613	21,563,53
NOVEMBER 1	8,235,079	5,522,307	3,134,658	2,083,211	18,975,25
DECEMBER 1	6,024,881	4,877,418	4,848,507	1,586,421	17,337,22
DECEMBER 31	5,542,111	4,335,888	3,893,568	1,528,304	15,299,87

FOREIGN FISHERY TRADE[1]

The value of United States foreign trade in fishery products in 1948 amounted to $181,046,411, of which $156,644,400 represented the value of products imported for consumption and $24,402,011 the value of exports of domestic fishery products. The value of imports for consumption was 42 percent above the previous year, while the value of exports of domestic fishery products decreased 54 percent.

Fishery imports during 1948 consisted of 472,742,258 pounds of edible products, valued at $111,659,640. Non-edible fishery imports were valued at $44,984,760.

Fishery exports during 1948 were made up of 95,085,018 pounds of edible products valued at $21,020,476, and non-edible products valued at $3,381,535.

Increases in imports were reported for most categories, but the largest increases occurred in imports of fresh and frozen groundfish fillets and shrimp, vitamin oils, and fish scrap and meal. The largest decreases in exports were listed for canned salmon and sardines.

The data presented in the following tables are preliminary and are subject to minor revisions as they have been prepared for publication prior to the issuing of 'Foreign Commerce and Navigation of the United States' for 1948 by the Bureau of the Census.

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[1] *These statistics have been furnished by the Bureau of Census, Department of Commerce.*

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1948 [1]

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK	(1)	(1)
SALMON	130,070	$58,357
OTHER	3,018,913	402,421
TOTAL FISH, FRESH OR FROZEN	3,148,983	460,778
SHELLFISH:		
CLAMS	286,190	18,794
LOBSTERS	469,037	246,235
OYSTERS, IN SHELL	31,807	6,554
OYSTERS, SHUCKED	44,005	26,284
SHRIMP	493,439	296,480
OTHER	2,573	2,814
TOTAL SHELLFISH, FRESH OR FROZEN	1,327,051	597,161
TOTAL FRESH AND FROZEN FISH AND SHELLFISH	4,476,034	1,057,939
CANNED:		
FISH:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK	2,964,288	581,351
HERRING	7,437,825	1,332,925
MACKEREL	(2)	(2)
SALMON	2,641,184	1,305,362
SARDINES	29,313,161	6,410,705
TUNA	(2)	(2)
OTHER	28,765,130	6,545,835
TOTAL FISH CANNED	71,121,588	16,176,178
SHELLFISH: [3]		
CLAMS	(4)	(4)
CRABS AND CRAB MEAT	72,929	82,821
OYSTERS	[5] 86,060	[5] 69,348
SHRIMP	471,191	455,432
OTHER	14,986,534	1,894,245
TOTAL SHELLFISH CANNED	15,616,714	2,501,846
TOTAL FISH AND SHELLFISH CANNED	86,738,302	18,678,024
CURED:		
SALTED, PICKLED OR DRY-CURED:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK	978,338	220,033
HERRING	565,936	87,597
SALMON	162,374	62,517
SARDINES	7,076	1,971
OTHER FISH	189,184	36,989
SHRIMP	476,568	354,624
TOTAL FISH AND SHELLFISH, SALTED, PICKLED OR DRY-CURED	2,379,476	763,731
TOTAL CURED FISH AND SHELLFISH	2,379,476	763,731
OTHER FISH AND SHELLFISH NOT ESPECIALLY PROVIDED FOR	1,491,206	520,782
TOTAL EDIBLE PRODUCTS	95,085,018	21,020,476

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1948 1/ - Continued

ITEM	UNIT	QUANTITY	VALUE
NON-EDIBLE FISHERY PRODUCTS			
FISH AND MARINE ANIMAL OILS:			
FISH OILS	POUNDS	11,756,624	$1,837,329
FISH OILS, ETC., AND CONCENTRATES	DO	(6)	(6)
WHALE AND SPERM OIL	DO	295,619	68,369
TOTAL OIL	DO	12,052,243	1,905,698
FISH MEAL FOR FEED	TONS	80	12,875
FUR, FUR SEAL, DRESSED OR DYED	NUMBER	8,204	446,743
REPTILIAN AND AQUATIC LEATHER	POUNDS	41,905	226,787
OYSTER SHELLS FOR FEED	TONS	27,200	361,934
SHELLS UNMANUFACTURED	POUNDS	2,157,436	187,366
BUTTONS OF PEARL OR SHELL	GROSS	232,603	240,132
TOTAL	-	-	1,475,837
TOTAL NON-EDIBLE PRODUCTS	-	-	3,381,535
GRAND TOTAL	-	-	24,402,011

1/ INCLUDED WITH "OTHER FRESH OR FROZEN FISH"
2/ INCLUDED WITH "OTHER CANNED FISH".
3/ CANNED LOBSTERS WHICH WERE FORMERLY SHOWN HAVE BEEN DELETED AS IT HAS BEEN FOUND THAT THIS ITEM IS NOT A U. S. EXPORT.
4/ INCLUDED WITH CANNED OYSTERS.
5/ INCLUDES CANNED CLAMS.
6/ DATA NOT AVAILABLE.

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS		
FRESH OR FROZEN:		
FISH:		
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):		
FRESH-WATER:		
BLUE PIKE	763,279	$122,449
CHUBS	509,238	126,422
EELS (FRESH-WATER AND SALT-WATER)	672,346	92,999
LAKE HERRING AND CISCOES	1,990,980	478,837
LAKE TROUT	2,903,223	921,780
MULLET (CATASTOMUS)	1,078,884	102,043
PIKE OR PICKEREL	2,798,304	348,517
SAUGER	1,931,941	380,228
TULLIBEES	3,496,022	379,162
WHITEFISH	10,998,145	3,338,303
YELLOW PERCH	816,835	146,202
YELLOW PIKE	8,781,662	2,237,302
OTHER	13,258,002	2,878,930
TOTAL FRESH-WATER FISH	49,998,861	11,553,174
SALT-WATER:		
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	5,277,769	502,087
HALIBUT	13,951,646	3,162,127
MACKEREL:		
FRESH	45,739	4,033
FROZEN	805,720	72,859
SALMON	23,952,200	7,159,278
SEA HERRING:		
FRESH	64,337,752	1,491,832
FROZEN	2,852,060	119,296
SHAD	305,558	29,451
SMELT	6,645,776	1,569,913
STURGEON:		
FRESH	304,540	261,774
FROZEN	79,185	73,241
SWORDFISH:		
FRESH	2,111,470	755,453
FROZEN	2,920,657	697,530
TOTUAVA (MEXICAN WHITE SEA BASS)	1,933,834	241,647
TUNA	9,142,564	1,615,640
OTHER	5,930,089	815,092
TOTAL SALT-WATER FISH	140,596,559	18,571,253
FILLETS, STEAKS, ETC:		
COD, HADDOCK, HAKE, POLLOCK, CUSK AND ROSEFISH	53,963,546	10,751,838
OTHER	13,203,659	4,166,828
TOTAL FILLETS, STEAKS, ETC.	67,167,205	14,918,666
TOTAL FISH FRESH OR FROZEN	257,762,625	45,043,093

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948 - Continued

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
RESH OR FROZEN - CONTINUED:		
SHELLFISH, ETC.:		
CLAMS (IN SHELL OR SHUCKED, MAY INCLUDE SOME PRESERVED OR PREPARED)	3,572,172	$646,799
CRABS:		
FRESH OR FROZEN	127,925	14,682
CRAB MEAT (FRESH-COOKED)	4,547	3,621
LOBSTERS:		
COMMON (INCLUDES FRESH-COOKED MEAT)	20,850,171	9,289,048
SPINY	7,757,154	3,970,899
OYSTERS:		
EXCEPT SEED OYSTERS	16,517	7,414
OTHER (PRINCIPALLY SEED OYSTERS)	3,021,116	273,721
SCALLOPS:		
FRESH	151,246	89,036
OTHER (PRINCIPALLY FROZEN)	352,448	205,997
SHRIMP AND PRAWN (MAY INCLUDE SOME DRIED AND CANNED)	21,563,023	10,019,637
FROGS LEGS	1/ 766,262	1/ 637,856
TURTLES (LIVE ONLY)	794,429	56,933
TOTAL SHELLFISH, ETC. FRESH OR FROZEN	58,977,010	25,215,643
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC.	316,739,635	70,258,736
ANNED:		
FISH:		
ANCHOVIES:		
IN OIL	3,876,128	2,758,189
NOT IN OIL	1,063,306	332,168
SALMON, NOT IN OIL	882,482	299,289
SARDINES:		
IN OIL	22,104,039	8,676,087
NOT IN OIL (INCLUDES HERRING)	9,051,915	2,061,313
TUNA, IN OIL 2/	8,289,442	4,770,263
BONITO AND YELLOWTAIL 2/	306,108	121,576
OTHER:		
IN OIL	353,029	195,697
NOT IN OIL	681,089	286,614
TOTAL CANNED FISH	46,607,538	19,501,196
ELLFISH, ETC.:		
ABALONE (MAY INCLUDE FRESH AND DRIED AND CANNED PASTE AND SAUCE)	4,512,540	1,633,741
CLAMS:		
OTHER	32,325	17,727
CHOWDER, JUICE, ETC.	23,925	4,769
CRAB MEAT (INCLUDES PASTE AND SAUCE)	1,336,567	750,872
LOBSTER MEAT:		
COMMON	1,638,910	2,477,435
SPINY	1,073,012	753,869
OYSTERS AND OYSTER JUICE	157,526	141,911
OTHER	613,633	323,197
TOTAL CANNED SHELLFISH	9,388,438	6,103,521
SCELLANEOUS:		
ANTIPASTO	91,574	45,244
FISH CAKES, BALLS AND PUDDING	1,023,937	173,119
CAVIAR AND OTHER FISH ROE (INCLUDES SOME NOT CANNED)	334,912	509,475
PASTES AND SAUCES:		
FISH	39,828	25,664
LOBSTER	25,251	13,833
SHELLFISH (EXCEPT LOBSTER AND CRAB)	83,147	45,414
TOTAL MISCELLANEOUS CANNED	1,598,649	812,749
TOTAL CANNED FISH AND SHELLFISH	57,594,625	26,417,466
URED:		
DRIED (UNSALTED):		
COD, HADDOCK, HAKE, POLLOCK AND CUSK	960,622	275,236
SHARK FINS	241,233	109,534
OTHER	604,662	231,505
TOTAL DRIED (UNSALTED)	1,806,517	616,275

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948 - Continued

ITEM	POUNDS	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED		
CURED - CONTINUED		
PICKLED OR SALTED:		
ALEWIVES	850,245	$79,603
COD, HADDOCK, HACKE, POLLOCK AND CUSK:		
SKINNED OR BONED	6,635,749	1,580,478
OTHER	48,251,716	7,062,865
HERRING	28,914,531	3,145,183
MACKEREL	3,576,282	575,388
SALMON	772,607	287,628
OTHER	742,563	253,226
TOTAL PICKLED OR SALTED	89,743,693	12,984,371
SMOKED OR KIPPERED:		
COD, HADDOCK, HAKE, POLLOCK AND CUSK:		
WHOLE, OR BEHEADED, OR EVISCERATED, OR BOTH	369,315	76,434
FILLETS, STEAKS, ETC.	3,337,993	740,786
HERRING:		
WHOLE OR BEHEADED:		
HARD DRY-SMOKED	441,330	42,223
OTHER	92,998	12,011
BONED	511,131	101,073
NOT BONED (EVISCERATED, SPLIT)	1,380,115	190,172
SALMON	122,926	50,769
OTHER	71,385	13,829
TOTAL SMOKED OR KIPPERED	6,327,193	1,227,297
TOTAL CURED	97,877,403	14,827,943
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR	530,595	155,495
TOTAL EDIBLE FISHERY PRODUCTS	472,742,258	111,659,640

NON-EDIBLE FISHERY PRODUCTS	UNIT	QUANTITY	VALUE
FISH AND MARINE ANIMAL OILS:			
COD:			
INDUSTRIAL	GALLONS	422,465	$587,828
MEDICIAL	DO	2,037,047	4,697,280
HALIBUT LIVER	DO	7,243	611,997
HERRING	DO	2,447,871	2,464,059
SHARK, INCLUDING GRAYFISH:			
BODY	DO	2,344	46,936
LIVER	DO	575,645	6,925,021
SOD	DO	9,945	11,740
WHALE:			
SPERM, REFINED	DO	1,382	2,230
SPERM, CRUDE	DO	5,212,322	5,763,446
OTHER	DO	899	11,441
SEAL	DO	4,989	5,447
OTHER:			
BODY	DO	53,582	141,667
LIVER	DO	33,038	1,956,982
TOTAL FISH AND MARINE ANIMAL OILS	DO	10,808,772	23,226,074
PEARLS:			
CULTIVATED	-	-	748,302
NATURAL	-	-	772,763
TOTAL PEARLS	-	-	1,521,065
SHELLS AND BUTTONS:			
SHELLS, UNMANUFACTURED:			
MOTHER-OF-PEARL	POUNDS	5,345,194	2,538,429
TORTOISE SHELL	DO	100	336
OTHER	DO	6,421,856	891,124
SHELL AND MOTHER-OF-PEARL ORNAMENTED	-	-	13,808
OCEAN PEARL OR SHELL BUTTONS AND BLANKS	GROSS	283,176	261,263
TOTAL SHELL AND BUTTONS	-	-	3,704,960

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

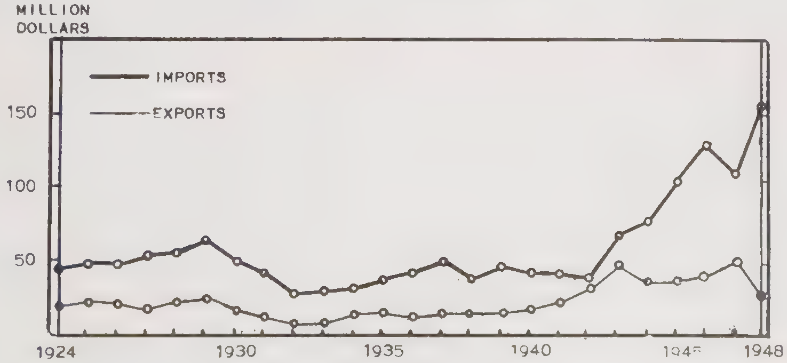
IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1948 - Continued

ITEM	UNIT	QUANTITY	VALUE
NON-EDIBLE FISHERY PRODUCTS - CONTINUED			
ES:			
DHEAD OR REEF	POUNDS	4,182	$14,997
EPSWOOL	DO	33,538	197,711
LOW AND GRASS	DO	11,543	40,776
ER	DO	305,752	2,333,821
TOTAL SPONGES	DO	355,015	2,587,305
:			
R-AGAR	POUNDS	249,354	448,322
ERGRIS	DO	248	27,017
ARIUM FISH (INCLUDING GOLDFISH)	-	-	25,166
ATIC LEATHERS:			
ISH:			
SHARK	POUNDS	105,323	16,977
OTHER	DO	2,680,807	65,245
EPTILE SKINS, (RAW)	DO	2,676,590	1,632,607
EPTILIAN AND SHARK SKINS AND PRODUCTS	-	-	2,932,380
EAL SKINS:			
RAW (NOT FUR SKINS)	POUNDS	944,150	554,193
FUR, NOT DRESSED	NUMBER	2,718	7,378
ALRUS	DO	6,482	9,908
E:			
UTTLEFISH	POUNDS	127,708	21,259
HALE AND MANUFACTURES OF	-	-	9,626
LIVER OIL CAKE AND MEAL	POUNDS	3,159,856	169,888
H (OTHER THAN FOR HUMAN CONSUMPTION)	-	-	709,939
H SOUNDS	POUNDS	139,174	58,846
E	DO	344,990	51,381
NGLASS	DO	11,290	8,026
P	DO	2,466,908	100,805
ERS (EXCLUDING VISCERA, GLANDS, ETC.)	DO	2,870,286	1,899,133
S AND SEAWEEDS, DYED OR MANUFACTURED	DO	-	153,703
AP AND MEAL:			
NIMAL FEED	TONS	35,856	4,431,890
ERTILIZER	DO	5,268	609,791
UM ALGINATE	POUNDS	968	785
RMICETTI WAX	DO	3,000	1,091
TOTAL OTHER	-	-	13,945,356
TOTAL NON-EDIBLE FISHERY PRODUCTS	-	-	44,984,760
GRAND TOTAL	-	-	156,644,400

NCLUDES A SMALL QUANTITY PRESERVED.
RIOR TO 1948 IMPORTS OF BONITO AND YELLOWTAIL WERE INCLUDED WITH THOSE OF TUNA. IN 1948 PART OF THE
ITO AND YELLOWTAIL RECEIVED WAS INCLUDED WITH TUNA.

- THE DATA ARE PRELIMINARY AS THEY WERE COMPILED PRIOR TO THE ISSUING OF "FOREIGN COMMERCE AND
IGATION OF THE UNITED STATES, 1948". THE DATA INCLUDED IMPORTS TO UNITED STATES TERRITORIES AND
SESSIONS. DATA ON THE FISHERIES OF THE UNITED STATES TERRITORIES AND POSSESSIONS, OTHER THAN ALASKA,
NOT INCLUDED IN THE OPERATING UNIT, CATCH, AND MANUFACTURED PRODUCTS TABLES.

IMPORTS AND EXPORTS OF FISHERY PRODUCTS 1924-1948



SECTION 2.- NEW ENGLAND FISHERIES

(Area XXII)[2]

The year 1948 found the fisheries of the New England States (Maine, New Hampsh Massachusetts, Rhode Island and Connecticut) operating free of federal World-Wa restrictions for the second year. The demand was generally good throughout the y however, a sharp decline was evidenced during the last two months of the year. Du exceptionally good weather, the fall and early winter production remained at a level. There is normally a decrease in demand at the end of any year, and this decr was particularly noticeable in New England during 1948 because of the increased duction. The first dip in meat prices in over two years, and the reluctance of the ing industry to follow suit, resulted in consumer resistance toward fishery product the prevailing prices. The frozen fish market was affected considerably towards the of the year by the slackened demand since this market depends on higher winter price compensate for the added cost of freezing and storage.

Despite the difficulties mentioned in the preceding paragraph, the 1948 catch of and shellfish in the New England states established a new record, and totaled 998,38 pounds, valued at $67,987,863 to the fishermen. The yield was over 195 million po greater than the 1947 production, while the value increased 11.8 million dollars.

Massachusetts, with 649,695,900 pounds, valued at $46,665,387, had the largest pr tion in the section; followed by Maine with 303,504,300 pounds, valued at $16,076, Rhode Island with 26,445,500 pounds, valued at $3,239,530; Connecticut with 18,204 pounds, valued at $1,749,821; and New Hampshire with 529,700 pounds, valued at $256, Landings in Massachusetts registered an increase of over 106 million pounds compared the previous year, while Maine landings showed an increase of over 82 million pounds

Gloucester was the most important port in the area in 1948 from the standpoin quantity, with landings of 251,113,164 pounds; Boston was first in value, with land totaling $16,182,503, followed by New Bedford with $11,772,568.

Rosefish (ocean perch) landings during 1948 broke all records to make this fish most important species on a poundage basis. Over 238 million pounds of rosefish landed in New England during 1948 compared with the former high year of 1946 when 178 million pounds were landed. Haddock retained its position as the most valu species with regard to value, however, it showed a decrease of 7.5 million pound compared with 1947. Herring landings which totaled 192,019,100 pounds, were almos million pounds above the previous year.

The number of fishermen operating in the New England States during 1948 tot 24,874. This represents a decrease of 481 men compared with 1947. Ten years earli 1938, there were 20,248 fishermen employed in this area.

The production of canned fish and fishery byproducts in these States during 194 valued at $50,587,658, 19 percent more than the previous year. The most important was canned sardines. The pack of this product amounted to 3,060,742 standard ca valued at $26,921,026 to the processor. This represents a gain in production of 22 cases but a decrease in value of $756,678 compared with 1947. The second and third valuable products were canned fish cakes and canned mackerel. A total of 75 plants engaged in producing canned fishery products and 34 plants in processing fishery products.

The production of packaged fish in the New England States in 1948 was approxima 151.3 million pounds, valued at $35,197,238 to the processor. This was slightly than was produced during 1947, however, the value was noticeably higher. The most portant species in both quantity and value were rosefish and haddock respectively.

In the following tables, landings by certain types of gear may be shown in one although the vessel, crew, and gear may be credited to another state. The cat listed in the port where it is landed, while the operating units are credited to the where the vessel landed the greatest portion of its catch.

he last complete survey of the fishery transporting, wholesaling and manufacturing stries was made for 1940. In that year, 186 men were employed in the operation of essels engaged in the transporting trade, and 12,650 persons were employed in whole- and manufacturing establishments. The latter employees received $7,547,395 in ries and wages during 1940. Detailed statistics on these branches of the industry 1940 can be found in 'Fishery Statistics of the United States, 1944' (Statistical st No. 16).

ne following tables contain summarized and detailed information on the 1948 catch perating units of the New England States. Condensed summary data on the operating s and catch by states of the New England States, appearing on the following pages, been previously published in Current Fishery Statistics No. 593.

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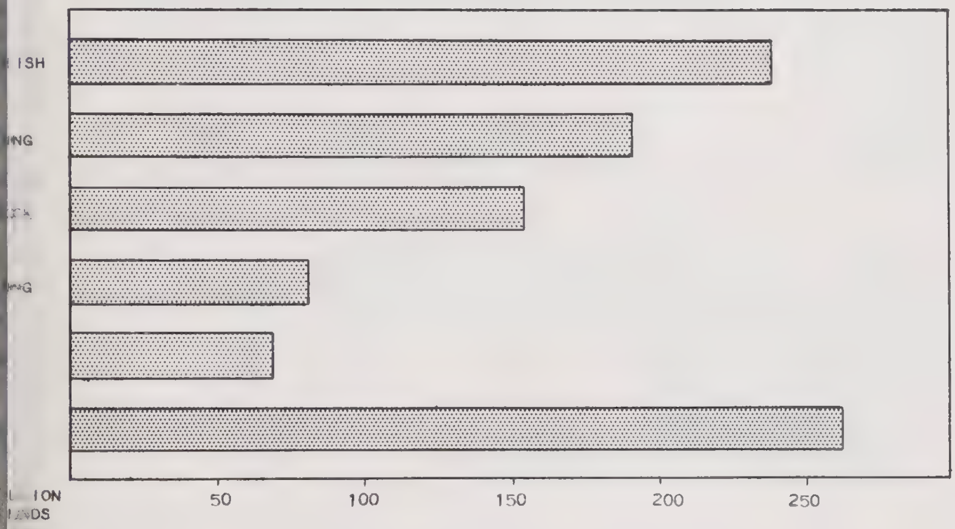
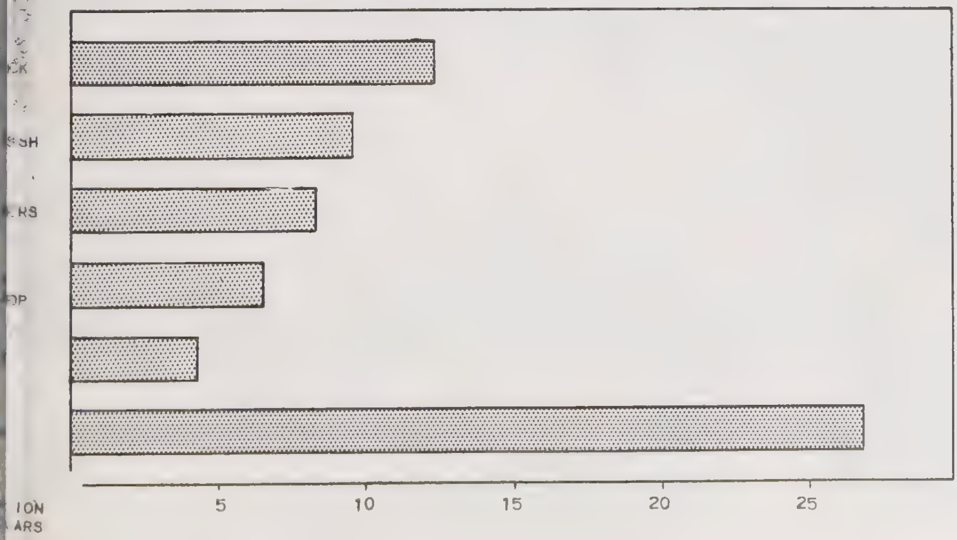
his number was assigned to this area by the North American Council on Fishery stigations. It should be explained that there are included in this area craft principal fishing ports are in the area but at times fish elsewhere. A notable le is the southern trawl fishery which extends into Area XXIV.

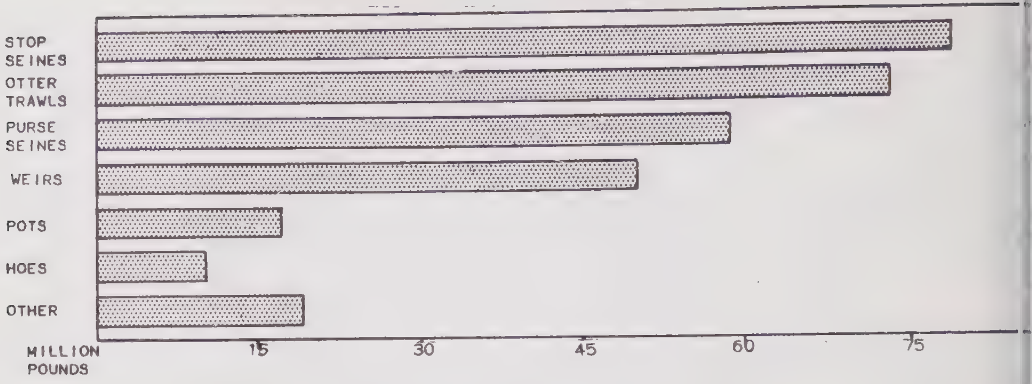
NEW ENGLAND CATCH, 1948



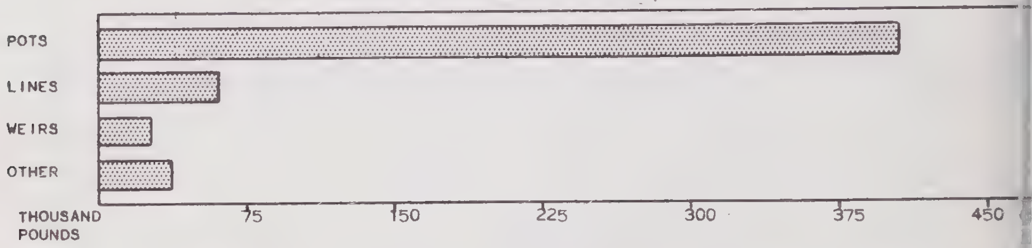
VALUE OF NEW ENGLAND CATCH, 1948



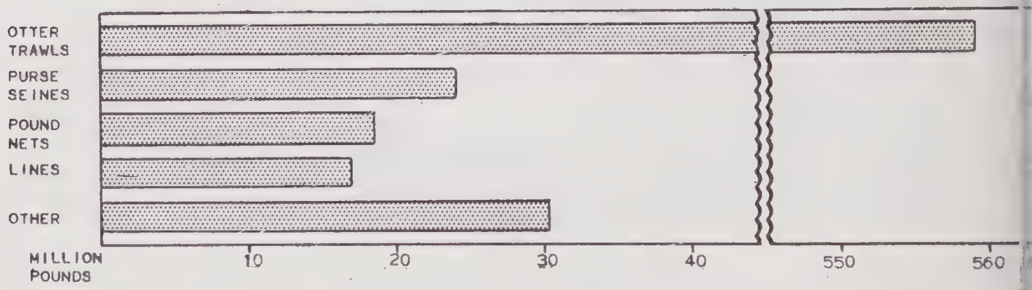
MAINE: CATCH BY GEAR, 1948



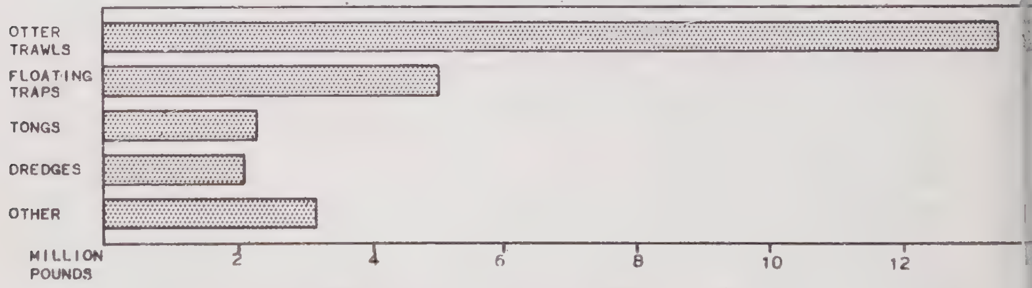
NEW HAMPSHIRE: CATCH BY GEAR, 1948



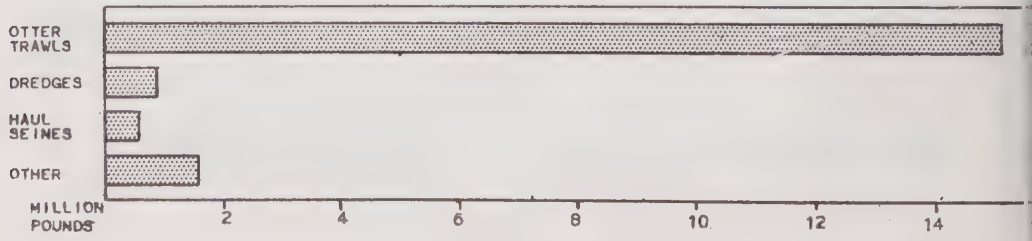
MASSACHUSETTS: CATCH BY GEAR, 1948



RHODE ISLAND: CATCH BY GEAR, 1948



CONNECTICUT: CATCH BY GEAR, 1948



NEW ENGLAND FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1948

PRODUCT	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH.	275,047,600	$7,119,125	118,300	$5,803	627,899,600	$36,929,100
SHELLFISH, ETC. . . .	28,456,700	8,957,844	411,400	250,353	21,796,300	9,736,287
TOTAL	303,504,300	16,076,969	529,700	256,156	649,695,900	46,665,387

PRODUCT	RHODE ISLAND		CONNECTICUT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FISH.	19,586,700	$1,006,119	16,681,700	$1,284,165	939,333,900	$46,344,312
SHELLFISH, ETC. . . .	6,858,800	2,233,411	1,523,100	465,656	59,046,300	21,643,551
TOTAL	26,445,500	3,239,530	18,204,800	1,749,821	998,380,200	67,987,863

SUMMARY OF OPERATING UNITS, 1948

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	511	-	5,282	238	353	6,384
ON BOATS AND SHORE:						
REGULAR	5,568	144	1,739	584	153	8,188
CASUAL.	3,670	129	4,332	1,391	780	10,302
TOTAL	9,749	273	11,353	2,213	1,286	24,874
VESSELS:						
MOTOR	116	-	650	75	96	937
NET TONNAGE . . .	2,231	-	26,563	884	1,485	31,163
STEAM	-	-	-	-	3	3
NET TONNAGE . . .	-	-	-	-	117	117
TOTAL VESSELS .	116	-	650	75	99	940
TOTAL NET TONNAGE . . .	2,231	-	26,563	884	1,602	31,280
BOATS:						
MOTOR	4,915	131	2,024	520	445	8,035
OTHER	2,103	75	1,585	1,287	91	5,141
ACCESSORY BOATS . . .	27	-	176	27	21	251
APPARATUS:						
PURSE SEINES:						
MACKEREL.	13	-	46	-	-	59
LENGTH, YARDS .	4,150	-	22,590	-	-	26,740
OTHER	52	-	-	-	-	52
LENGTH, YARDS .	16,225	-	-	-	-	16,225
HAUL SEINES, COMMON	18	-	8	13	33	72
LENGTH, YARDS .	2,100	-	425	2,416	7,815	12,756
STOP SEINES	145	-	-	-	-	145
LENGTH, YARDS .	63,410	-	-	-	-	63,410
GILL NETS:						
ANCHOR.	-	-	309	-	4	313
SQUARE YARDS. .	-	-	177,733	-	2,400	180,133
DRIFT	305	6	778	30	101	1,220
SQUARE YARDS. .	96,130	1,920	428,400	9,000	98,100	633,550
STAKE	5	-	-	-	18	23
SQUARE YARDS. .	915	-	-	-	450	1,365
LINES:						
HAND.	2,265	21	721	150	111	3,268
HOOKS	6,774	40	871	150	222	8,057
TRAWL OR TROT WITH HOOKS. . .	12,416	8	11,921	1,260	100	25,705
HOOKS	571,800	600	652,770	50,400	30,000	1,305,570
TROLL	-	-	-	60	-	60
HOOKS	-	-	-	60	-	60
POUND NETS.	-	-	69	-	14	83
FLOATING TRAPS. . .	20	-	32	20	-	72
WEIRS	207	2	-	-	-	209
STOP NETS	-	-	-	-	7	7
SQUARE YARDS. . .	-	-	-	-	140	140
FYKE NETS, FISH . .	6	-	1	1	28	36
DIP NETS, COMMON. .	117	20	143	-	120	400
BAG NETS.	44	-	-	-	-	44
OTTER TRAWLS, FISH.	111	-	713	81	165	1,070
YARDS AT MOUTH. .	2,754	-	23,113	2,055	2,395	30,317

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1948 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONT'D.:						
TRAPS, BOX.	10	-	-	-	-	10
POTS:						
CRAB.	-	-	432	330	-	762
EEL	-	-	125	782	936	1,843
FISH.	-	-	-	-	20	20
LOBSTER	459,214	9,777	93,978	15,444	20,012	598,425
PERIWINKLE AND COCKLE.	-	-	-	80	-	80
HARPOON	74	-	72	26	10	182
SPEARS.	-	10	12	-	-	22
DREDGES:						
CLAM.	-	-	23	17	-	40
YARDS AT MOUTH.	-	-	19	17	-	36
OYSTER, COMMON. .	-	-	4	18	34	56
YARDS AT MOUTH.	-	-	4	25	51	80
SCALLOP	42	-	3,101	1,274	10	4,427
YARDS AT MOUTH.	47	-	3,068	993	10	4,118
TONGS:						
OYSTER.	-	-	25	-	21	46
OTHER	-	-	372	1,370	81	1,823
RAKES:						
OYSTER.	-	-	-	100	-	100
OTHER	232	-	916	184	20	1,352
FORKS	-	-	16	-	-	16
HOES.	2,242	26	539	142	78	3,027

CATCH BY STATES, 1948

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	1,867,800	$11,370	80,000	$800	467,600	$6,039
ANGLERFISH.	-	-	-	-	15,600	356
BLUEFISH.	-	-	-	-	2,200	478
BUTTERFISH.	-	-	-	-	676,100	94,515
COD	6,386,200	360,375	7,500	458	60,749,600	3,857,685
CUNNER.	-	-	-	-	2,500	50
CUSK.	1,014,200	45,834	1,000	73	2,198,000	98,581
EELS:						
COMMON.	20,300	3,534	2,300	759	37,300	6,198
CONGER.	-	-	-	-	12,900	709
FLOUNDERS:						
GRAY SOLE	753,400	45,724	-	-	2,263,600	202,986
LEMON SOLE.	8,300	630	-	-	5,257,500	805,231
YELLOWTAIL.	117,800	7,345	-	-	32,087,400	2,977,418
BLACKBACK	870,100	53,120	600	42	14,348,200	1,669,913
DAB	563,900	18,929	-	-	2,168,400	161,720
FLUKE	-	-	-	-	2,369,800	489,391
UNCLASSIFIED. . . .	1,000	20	-	-	800	47
FRIGATE MACKEREL. . .	-	-	-	-	6,700	173
GRAYFISH.	-	-	-	-	34,000	373
HADDOCK	6,051,100	441,991	2,000	238	148,530,300	11,792,813
HAKE:						
RED	60,000	2,394	-	-	4,205,900	53,736
WHITE	5,573,700	231,382	10,500	533	9,895,200	411,429
HALIBUT	42,900	12,580	-	-	434,200	98,544
HERRING, SEA.	182,460,900	3,486,455	-	-	5,102,600	130,975
LAUNCE.	-	-	-	-	75,000	3,000
MACKEREL.	4,091,500	191,917	8,400	800	35,461,200	2,438,894
MENHADEN.	24,100	227	-	-	1,047,300	13,196
OCEAN POUT.	-	-	-	-	6,100	172
POLLOCK	6,300,600	209,132	-	-	31,405,900	1,163,401
ROSEFISH (OCEAN PERCH).	49,041,400	1,711,769	-	-	189,053,800	7,935,101
SALMON.	-	-	-	-	100	23
SCUP OR PORGY	-	-	-	-	1,547,600	44,513
SEA BASS.	-	-	-	-	29,500	2,439
SEA TROUT OR WEAKFISH, GRAY. . .	-	-	-	-	12,900	1,528
SHAD.	2,600	86	-	-	34,400	2,381
SHARKS.	49,400	1,617	-	-	71,600	3,191
SKATES.	700	35	-	-	58,400	2,260
SMELT	542,300	137,291	6,000	2,100	1,100	31
STRIPED BASS.	-	-	-	-	78,200	12,003
STURGEON.	200	31	-	-	9,400	1,039

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SUCKERS	4,200	$544	-	-	-	-
SWORDFISH	500	258	-	-	815,300	$323,561
TAUTOG	-	-	-	-	57,400	4,060
TILEFISH	-	-	-	-	250,700	19,054
TUNA AND TUNALIKE FISHES:						
BLUEFIN	229,000	19,095	-	-	2,620,200	172,669
BONITO	-	-	-	-	2,300	242
TOTAL TUNA	229,000	19,095	-	-	2,622,500	172,911
WHITING	8,654,600	113,618	-	-	68,904,300	1,646,580
WOLFFISH	216,600	8,699	-	-	1,960,300	135,749
UNCLASSIFIED, FOR FOOD	98,300	3,123	-	-	3,530,200	144,653
TOTAL	275,047,600	7,119,125	118,300	$5,803	627,899,600	36,929,100
SHELLFISH, ETC.						
CRABS, ROCK	340,100	19,878	3,000	150	689,700	51,876
LOBSTERS, NORTHERN	15,923,000	6,439,467	401,500	248,630	3,211,600	1,379,076
SHRIMP	27,300	3,120	-	-	-	-
CLAMS:						
HARD, PUBLIC	288,700	60,348	-	-	1,482,800	475,119
HARD, PRIVATE	-	-	-	-	12,100	2,466
RAZOR	-	-	-	-	43,900	6,162
SOFT, PUBLIC	8,969,300	1,801,207	6,800	1,500	624,600	259,041
SOFT, PRIVATE	-	-	-	-	800	354
SURF	-	-	-	-	13,100	4,052
TOTAL CLAMS	9,258,000	1,861,555	6,800	1,500	2,177,300	747,194
CONCHS	1,000	110	-	-	~~50,000~~	5,500
MUSSELS, SEA	124,100	13,365	-	-		-
OYSTERS, MARKET:						
PUBLIC, FALL	-	-	-	-	6,500	2,500
PRIVATE, FALL	-	-	-	-	222,800	146,287
TOTAL OYSTERS	-	-	-	-	229,300	148,787
PERIWINKLES AND COCKLES	19,800	6,213	-	-	300	21
SCALLOPS:						
BAY	-	-	-	-	1,449,600	1,026,202
SEA	453,700	217,662	-	-	11,985,700	6,278,808
SQUID	-	-	-	-	1,396,100	83,431
SEA URCHINS	180,200	4,448	-	-	-	-
IRISH MOSS	1,483,700	29,675	-	-	600,000	8,950
BLOODWORMS	567,900	305,044	-	-	-	-
SANDWORMS	77,900	57,307	100	73	6,700	6,442
TOTAL	28,456,700	8,957,844	411,400	250,353	21,796,300	9,736,287
GRAND TOTAL	303,504,300	16,076,969	529,700	256,156	649,695,900	46,665,387

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	317,500	$3,175	675,000	$10,120	3,407,900	$31,504
ANGLERFISH	1,600	33	35,300	812	52,500	1,201
BLUEFISH	17,100	4,043	21,200	7,315	40,500	11,836
BUTTERFISH	1,440,200	122,447	791,300	75,838	2,907,600	292,800
CARP	-	-	24,200	2,334	24,200	2,334
CATFISH AND BULLHEADS	-	-	1,800	125	1,800	125
COD	790,400	49,625	317,000	34,721	68,250,700	4,302,864
CUNNER	8,000	82	4,000	250	14,500	382
CUSK	-	-	-	-	3,213,200	144,488
EELS:						
COMMON	27,600	4,115	20,300	3,840	107,800	18,446
CONGER	17,400	579	12,000	450	42,300	1,738
FLOUNDERS:						
GRAY SOLE	1,700	118	10,000	850	3,028,700	249,678
LEMON SOLE	-	-	100,000	12,000	5,365,800	817,861
YELLOWTAIL	3,292,800	249,523	1,352,500	156,200	36,850,500	3,390,486
BLACKBACK	1,588,100	87,629	3,685,600	304,824	20,492,600	2,115,528
DAB	300	15	51,500	3,100	2,784,100	183,764
FLUKE	405,500	75,795	517,700	68,204	3,293,000	633,390
UNCLASSIFIED	9,200	446	8,000	250	19,000	763

(CONTINUED ON NEXT PAGE)

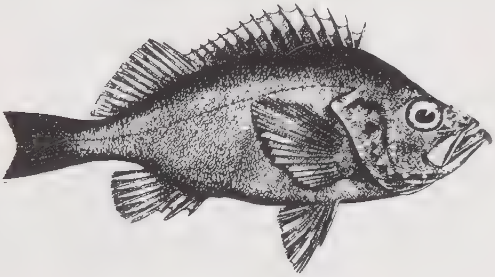
CATCH BY STATES, 1948 - Continued

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRIGATE MACKEREL. . .	4,800	$209	-	-	11,500	$382
GRAYFISH.	200	4	20,900	$398	55,100	775
HADDOCK	17,600	1,292	6,000	500	154,607,000	12,236,834
HAKE:						
RED	1,350,800	16,384	352,300	10,071	5,969,000	82,585
WHITE	123,500	3,727	15,100	8,571	15,618,000	655,642
HALIBUT	-	-	-	-	477,100	111,124
HERRING, SEA.	1,225,200	22,258	3,302,400	100,885	192,091,100	3,740,573
HICKORY SHAD.	-	-	600	25	600	25
KING WHITING OR "KINGFISH".	1,600	92	5,400	499	7,000	591
LAUNCE.	-	-	-	-	75,000	3,000
MACKEREL.	1,019,400	79,095	202,500	24,190	40,783,000	2,734,896
MARLIN.	100	7	-	-	100	7
MENHADEN.	35,100	609	109,500	1,182	1,216,000	15,214
MINNOWS	-	-	179,500	5,318	179,500	5,318
OCEAN POUT.	-	-	-	-	6,100	172
POLLOCK	29,500	895	20,600	1,345	37,756,600	1,374,773
ROSEFISH (OCEAN PERCH).	-	-	-	-	238,095,200	9,646,870
SALMON.	400	45	-	-	500	68
SCUP OR PORGY	3,799,500	131,835	2,206,800	200,493	7,553,900	376,841
SEA BASS.	156,300	17,581	202,700	40,468	388,500	60,488
SEA ROBIN	14,200	143	144,000	3,918	158,200	4,061
SEA TROUT OR WEAKFISH, GRAY. . .	157,800	17,152	85,100	13,428	255,800	32,108
SHAD.	2,300	165	621,600	87,940	660,900	90,572
SHARKS.	23,700	917	10,200	304	154,900	6,029
SILVERSIDES	-	-	3,000	53	3,000	53
SKATES.	3,000	54	100,800	2,479	162,900	4,828
SMELT	-	-	-	-	549,400	139,422
SPOT.	1,900	64	-	-	1,900	64
STRIPED BASS.	62,900	12,798	10,200	2,836	151,300	27,637
STURGEON.	2,000	431	10,400	1,175	22,000	2,676
SUCKERS	-	-	21,000	1,223	25,200	1,767
SWELLFISH	66,600	1,612	23,000	573	89,600	2,185
SWORDFISH	99,300	39,547	25,800	12,410	940,900	375,776
TAUTOG.	30,500	1,264	151,100	14,019	239,000	19,343
TILEFISH.	6,300	433	140,000	11,500	397,000	30,987
TUNA AND TUNALIKE FISHES:						
BLUEFIN	24,900	2,735	4,000	500	2,878,100	194,999
BONITO.	1,200	145	-	-	3,500	387
TOTAL TUNA. . .	26,100	2,880	4,000	500	2,881,600	195,386
WHITE PERCH	4,900	820	-	-	4,900	820
WHITING	2,399,700	40,542	509,000	16,330	80,467,600	1,817,070
WOLFFISH.	-	-	-	-	2,176,900	144,448
UNCLASSIFIED:						
FOR FOOD.	265,000	4,552	550,000	40,000	4,443,500	192,328
OTHER	739,100	11,087	20,800	299	759,900	11,386
TOTAL	19,586,700	1,006,119	16,681,700	1,284,165	939,333,900	46,344,312
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD.	-	-	3,100	625	3,100	625
SOFT AND PEELERS.	-	-	700	300	700	300
ROCK.	209,100	12,142	-	-	1,241,900	84,046
LOBSTERS, NORTHERN. .	384,600	176,864	305,600	151,870	20,226,300	8,395,907
SHRIMP.	-	-	-	-	27,300	3,120
CLAMS:						
HARD, PUBLIC. . . .	3,511,500	1,114,224	20,900	9,400	5,303,900	1,659,091
HARD, PRIVATE . . .	-	-	-	-	12,100	2,466
OCEAN QUAHOG. . . .	238,500	14,906	-	-	238,500	14,906
RAZOR	-	-	-	-	43,900	6,162
SOFT, PUBLIC. . . .	538,700	136,175	21,500	7,440	10,160,900	2,205,363
SOFT, PRIVATE . . .	-	-	-	-	800	354
SURF.	-	-	-	-	13,100	4,052
TOTAL CLAMS . .	4,288,700	1,265,305	42,400	16,840	15,773,200	3,892,394
CONCHS.	75,000	8,250	10,000	1,100	136,000	14,960
MUSSELS, SEA.	30,000	3,750	3,000	750	157,100	17,865
OYSTERS, MARKET:						
PUBLIC, SPRING. . .	-	-	3,500	1,255	3,500	1,255
PUBLIC, FALL. . . .	70,000	30,000	8,000	2,565	84,500	35,065
PRIVATE, SPRING . .	387,400	221,684	179,200	77,109	566,600	298,793
PRIVATE, FALL . . .	451,100	250,793	323,000	149,237	996,900	546,317
TOTAL OYSTERS .	908,500	502,477	513,700	230,166	1,651,500	881,430

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

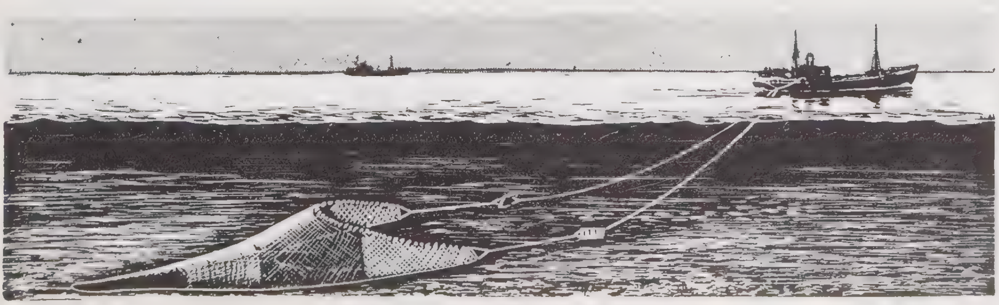
SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
SHELLFISH, ETC. - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PERIWINKLES AND COCKLES	29,400	$5,134	-	-	49,500	$11,368
SCALLOPS:						
BAY	335,600	202,148	19,100	$14,655	1,804,300	1,243,005
SEA	40,400	21,285	3,000	1,450	12,482,800	6,519,205
SQUID	557,500	36,056	622,000	47,700	2,575,600	167,187
SEA URCHINS	-	-	-	-	180,200	4,448
IRISH MOSS.	-	-	-	-	2,083,700	38,625
BLOODWORMS.	-	-	-	-	567,900	305,044
SANDWORMS	-	-	500	200	85,200	64,022
TOTAL	6,858,800	2,233,411	1,523,100	465,656	59,046,300	21,643,551
GRAND TOTAL . .	26,445,500	3,239,530	18,204,800	1,749,821	998,380,200	67,987,863



ROSEFISH (OCEAN PERCH)

PRODUCTION OF ROSEFISH FOR VARIOUS YEARS

YEAR	POUNDS	VALUE	YEAR	POUNDS	VALUE
1935	17,156,900	$184,088	1943	114,737,200	$ 4,556,706
1937	58,355,900	887,479	1944	120,215,500	4,581,821
1938	65,005,300	803,424	1945	131,834,300	5,066,097
1939	77,374,600	1,096,374	1946	178,149,200	7,748,548
1940	85,141,700	1,271,303	1947	146,586,800	5,924,531
1942	128,090,000	3,754,282	1948	238,095,200	9,646,870



ROSEFISH ARE TAKEN BY OTTER TRAWLS

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1948

ITEM		MAINE	NEW HAMPSHIRE	MASSACHUSETTS	RHODE ISLAND	CONNECTICUT
		QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUALITY
CRABS:						
BLUE:						
HARD	NUMBER PER POUND	-	-	-	-	3.00
SOFT AND PEELERS . .	DO	-	-	-	-	4.00
ROCK	DO	3.00	3.00	3.00	2.80	-
CLAMS:	(LBS. MEATS PER U.S. STANDARD BUSHEL)					
HARD, PUBLIC		11.00	-	11.00	12.00	-
HARD, PRIVATE.	DO	-	-	11.00	-	-
OCEAN QUAHOG	DO	-	-	-	12.00	-
RAZOR.	DO	-	-	32.00	-	-
SOFT, PUBLIC	DO	15.00	15.00	13.00	20.00	20.00
SOFT, PRIVATE.	DO	-	-	13.00	-	-
SURF OR SKIMMER. . . .	DO	-	-	11.00	-	-
CONCHS	DO	15.00	-	15.00	20.00	20.00
MUSSELS, SEA	DO	15.00	-	-	12.00	10.00
OYSTERS, MARKET:						
PUBLIC, SPRING	DO	-	-	-	-	7.70
PUBLIC, FALL	DO	-	-	6.50	7.00	7.70
PRIVATE, SPRING. . . .	DO	-	-	-	7.00	7.70
PRIVATE, FALL.	DO	-	-	6.50	7.00	7.70
PERIWINKLES AND COCKLES.	DO	18.00	-	18.00	18.00	-
SCALLOPS:						
BAY.	DO	-	-	6.00	6.00	6.20
SEA.	DO	6.00	-	6.00	6.00	6.00

SUPPLEMENTARY REVIEW OF CERTAIN SHELLFISH, 1948

ITEM		MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS,ROCK.	NUMBER	1,020,300	$19,878	9,000	$150	2,758,800	$51,876
CLAMS:							
HARD, PUBLIC.	BUSHELS	26,245	60,348	-	-	134,709	475,119
HARD, PRIVATE	DO	-	-	-	-	1,100	2,466
RAZOR	DO	-	-	-	-	1,372	6,162
SOFT, PUBLIC	DO	597,953	1,801,207	453	1,500	48,107	259,041
SOFT, PRIVATE	DO	-	-	-	-	62	354
SURF OR SKIMMER . . .	DO	-	-	-	-	1,191	4,052
CONCHS.	DO	67	110	-	-	3,333	5,500
MUSSELS, SEA.	DO	8,267	13,365	-	-	-	-
OYSTERS, MARKET							
PUBLIC, FALL.	DO	-	-	-	-	1,000	2,500
PRIVATE, FALL	DO	-	-	-	-	34,277	146,287
PERIWINKLES AND COCKLES	DO	1,100	6,213	-	-	17	21
SCALLOPS:							
BAY	DO	-	-	-	-	241,600	1,026,202
SEA	DO	75,617	217,662	-	-	1,997,617	6,278,808

ITEM		RHODE ISLAND		CONNECTICUT		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:							
BLUE:							
HARD.	NUMBER	-	-	9,300	$625	9,300	$625
SOFT AND PEELERS. .	DO	-	-	2,800	300	2,800	300
ROCK.	DO	585,489	$12,142	-	-	4,373,589	84,046
CLAMS:							
HARD, PUBLIC	BUSHELS	292,625	1,114,224	1,742	9,400	455,321	1,659,091
HARD, PRIVATE	DO	-	-	-	-	1,100	2,466
OCEAN QUAHOG.	DO	19,875	14,906	-	-	19,875	14,906
RAZOR	DO	-	-	-	-	1,372	6,162
SOFT, PUBLIC.	DO	26,935	136,175	1,075	7,440	674,523	2,205,363
SOFT, PRIVATE	DO	-	-	-	-	62	354
SURF OR SKIMMER . . .	DO	-	-	-	-	1,191	4,052
CONCHS	DO	3,750	8,250	500	1,100	7,650	14,960
MUSSELS, SEA.	DO	2,500	3,750	300	750	11,067	17,865
OYSTERS, MARKET:							
PUBLIC, SPRING. . . .	DO	-	-	454	1,255	454	1,255
PUBLIC, FALL.	DO	10,000	30,000	1,039	2,565	12,039	35,065
PRIVATE, SPRING . . .	DO	55,343	221,684	23,273	77,109	78,616	298,793
PRIVATE, FALL	DO	64,443	250,793	41,948	149,237	140,668	546,317
PERIWINKLES AND COCKLES	DO	1,633	5,134	-	-	2,750	11,368
SCALLOPS:							
BAY	DO	55,933	202,148	3,081	14,655	300,614	1,243,005
SEA	DO	6,733	21,285	500	1,450	2,080,467	6,519,205

NOTE:--BUSHELS REPRESENT U. S. STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/

ITEM			MAINE		MASSACHUSETTS, RHODE ISLAND, CONNECTICUT AND NEW HAMPSHIRE	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
ALEWIVES:						
SALTED, ROUND	1940	POUNDS	839,400	$13,539	60,000	$2,400
SMOKED, WHOLE AND FILLETS	1940	DO	18,500	515	300	37
BUTTERFISH, SMOKED	1940	DO	-	-	3,750	613
CARP, SMOKED	1940	DO	-	-	1,250	375
CHUBS, SMOKED	1940	DO	-	-	10,000	3,500
CISCO, SMOKED	1940	DO	-	-	50,000	13,500
COD:						
FRESH FILLETS	1948	DO	233,450	35,822	3,962,137	991,542
FROZEN, FILLETS	1948	DO	342,107	74,436	5,565,096	1,307,736
SALTED:						
GREEN 2/	1940	DO	374,802	15,685	-	-
DRY	1940	DO	12,615	595	111,600	5,997
BONELESS AND ABSOLUTELY BONELESS	1940	DO	43,556	4,304	6,861,715	1,006,386
SMOKED:						
WHOLE	1940	DO	73,500	3,140	-	-
FILLETS	1940	DO	33,480	4,372	418,100	46,484
BONELESS	1940	DO	50,000	7,500	-	-
OIL, LIVER	1948	GALLONS	67,131	185,411	136,948	382,642
CUSK:						
FRESH FILLETS	1948	POUNDS	237,000	56,000	416,000	85,634
FROZEN FILLETS	1948	DO	27,358	4,981	95,314	20,454
SALTED:						
GREEN 2/	1940	DO	5,800	157	-	-
DRY	1940	DO	9,115	455	-	-
WHOLE	1940	DO	-	-	15,700	3,467
BONELESS	1940	DO	-	-	1,600	276
SMOKED:						
WHOLE	1940	DO	500	20	-	-
FILLETS	1940	DO	8,740	874	393,859	31,263
EELS, SMOKED	1940	DO	-	-	2,000	300
FLOUNDERS:						
FRESH FILLETS	1948	DO	59,807	21,950	6,313,512	2,324,618
FROZEN FILLETS	1948	DO	55,124	16,500	5,203,062	1,690,514
SMOKED	1940	DO	-	-	1,800	290
HADDOCK:						
FRESH FILLETS	1948	DO	547,700	141,349	16,052,675	4,557,424
FROZEN FILLETS	1948	DO	872,105	228,670	21,639,742	5,851,197
SALTED:						
GREEN 2/	1940	DO	2,000	100	-	-
DRY	1940	DO	12,615	595	100	7
WHOLE	1940	DO	-	-	500	28
BONELESS AND ABSOLUTELY BONELESS	1940	DO	-	-	60,900	6,413
SMOKED:						
FINNAN HADDIE	1940	DO	52,400	5,963	375,311	40,329
WHOLE	1940	DO	-	-	500	68
FILLETS	1940	DO	-	-	122,925	18,233
HAKE:						
FRESH FILLETS	1948	DO	476,000	79,840	337,899	58,566
FROZEN FILLETS	1948	DO	73,884	10,536	793,278	117,064
SALTED:						
GREEN 2/	1940	DO	902,015	30,271	-	-
DRY	1940	DO	9,115	455	384,050	10,933
WHOLE	1940	DO	-	-	110,500	4,044
BONELESS AND ABSOLUTELY BONELESS	1940	DO	100,645	14,041	859,700	66,677
SMOKED, FILLETS	1940	DO	39,400	1,227	-	-
HALIBUT, SMOKED	1940	DO	-	-	1,500	468
HERRING, SEA:						
CANNED:						
HERRING	1948	STANDARD CASES	165,215	1,539,864	93,102	781,014
SARDINES	1948	DO	3,021,890	26,626,780	38,852	294,246
SALTED:						
BRINE SALTED	1940	POUNDS	385,200	11,714	36,500	3,710
PICKLED IN VINEGAR	1940	DO	1,245,425	45,549	650,000	45,250
SMOKED:						
BLOATERS:						
HARD	1940	DO	93,942	4,703	39,200	824

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			MAINE		MASSACHUSETTS, RHODE ISLAND, CONNECTICUT AND NEW HAMPSHIRE	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS - CONTINUED:						
HERRING, SEA - CONTINUED:						
SMOKED - CONTINUED:						
BLOATERS - CONTINUED:						
SOFT	1940	POUNDS	8,066	$403	-	-
WHOLE	1940	DO	4,500	125	-	-
KIPPERED	1940	DO	-	-	424,000	$40,138
LENGTHWISE	1940	DO	68,517	3,862	-	-
MEDIUM SCALE	1940	DO	169,199	9,596	2,121	313
BONELESS	1940	DO	2,018,330	210,540	-	-
MEAL	1948	TONS	4,632	431,221	-	-
OIL	1948	GALLONS	102,270	86,077	-	-
MACKEREL:						
FRESH FILLETS	1948	POUNDS	-	-	675,592	140,597
FROZEN FILLETS	1948	DO	(3)	(3)	1,908,634	384,017
CANNED	1948	STANDARD CASES	13,980	119,099	196,937	1,761,884
SALTED:						
DRY FILLETS	1940	POUNDS	-	-	1,660,000	108,300
SPLIT	1940	DO	-	-	498,100	27,369
BRINE SALTED:						
WHOLE	1940	DO	-	-	749,400	61,666
FILLETS	1940	DO	-	-	657,400	71,335
SMOKED FILLETS	1940	DO	-	-	26,100	3,960
POLLOCK:						
FRESH FILLETS	1948	DO	433,800	57,456	1,805,616	264,324
FROZEN FILLETS	1948	DO	984,020	132,163	7,951,860	1,183,377
SALTED:						
GREEN 2/	1940	DO	184,772	5,665	-	-
DRY	1940	DO	9,115	455	248,620	11,293
WHOLE	1940	DO	-	-	4,600	321
SMOKED	1940	DO	40,000	960	-	-
ROSEFISH:						
FRESH FILLETS	1948	DO	(3)	(3)	386,890	93,676
FROZEN FILLETS	1948	DO	12,391,229	2,465,232	54,595,246	11,782,043
SALMON:						
SMOKED:						
WHOLE	1940	DO	-	-	75,900	26,588
FILLETS	1940	DO	-	-	2,000	500
SHAD, SMOKED	1940	DO	-	-	400	94
SPOONBILL CAT, SMOKED	1940	DO	-	-	2,500	2,000
SWORDFISH, FROZEN STEAKS	1948	DO	-	-	25,433	18,432
WHITEFISH, SMOKED	1940	DO	-	-	45,000	18,131
WHITING:						
FRESH FILLETS	1948	DO	-	-	85,250	10,278
FROZEN FILLETS	1948	DO	(3)	(3)	992,589	149,014
FRESH SPLIT "BUTTERFLY"	1948	DO	-	-	29,800	4,430
FROZEN SPLIT "BUTTERFLY"	1948	DO	-	-	3,996,420	616,251
WOLFFISH:						
FRESH FILLETS	1948	DO	-	-	66,480	18,598
FROZEN FILLETS	1948	DO	(3)	(3)	134,454	42,827
TONGUES AND SOUNDS, PICKLED	1940	DO	-	-	17,900	1,613
ANIMAL FOOD	1948	STANDARD CASES	(3)	(3)	259,964	1,130,035
FISH CAKES	1948	DO	72,083	855,298	(3)	(3)
FISH FLAKES	1948	DO	8,616	137,423	26,398	410,690
FISH ROE, MISCELLANEOUS	1948	DO	(3)	(3)	9,026	143,202
CLAMS, SOFT:						
WHOLE OR MINCED	1948	DO	107,177	1,098,863	-	-
CHOWDER, JUICE, BROTH AND NECTAR	1948	DO	166,521	945,204	-	-
FRESH, SHUCKED	1940	GALLONS	29,100	29,420	373,642	581,694
CLAMS, HARD:						
FRESH, SHUCKED	1940	DO	120,000	136,500	2,500	3,663
CRAB-MEAT, PACKAGED, FRESH COOKED	1940	POUNDS	52,172	25,915	243,522	81,966
LOBSTER-MEAT, PACKAGED, FRESH COOKED	1940	DO	16,300	19,300	261,200	295,882
OYSTERS, FRESH SHUCKED	1940	GALLONS	-	-	262,487	591,277
SCALLOPS, BAY, FRESH-SHUCKED	1940	DO	-	-	5,400	17,850
MISCELLANEOUS FRESH AND FROZEN FILLETS 4/	1948	POUNDS	400,861	89,463	1,135,696	70,227
MISCELLANEOUS CANNED FISHERY PRODUCTS 5/	1948	STANDARD CASES	315,708	2,056,503	178,444	1,966,408
BUTTONS, MARINE PEARL SHELL 6/	1948	GROSS	-	-	1,055,467	1,914,499

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/ - Continued

ITEM			MAINE		MASSACHUSETTS, RHODE ISLAND, CONNECTICUT AND NEW HAMPSHIRE	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
MANUFACTURING ESTABLISHMENTS - CONTINUED:						
FISH SOLUBLES.	1948	POUNDS	-	-	3,254,154	$179,969
GLUE	1948	GALLONS	(3)	(3)	201,413	472,080
MEAL, GROUND FISH (INCLUDING ROSEFISH).	1948	TONS	2,091	$208,252	18,189	2,484,292
MEAL,MISCELLANEOUS	1948	DO	1,373	137,867	-	-
OIL, BODY (ROSEFISH AND BLACKFISH)	1948	GALLONS	(3)	(3)	499,452	737,815
OIL, LIVER (HALIBUT, SWORDFISH AND TUNA).	1948	DO	-	-	1,492	301,100
MISCELLANEOUS 7/	1948	-	-	1,584,482	-	1,615,438
TOTAL.		-	-	40,035,257	-	49,615,979
FISHERMEN:						
ALEWIVES, SMOKED, WHOLE.	1940	POUNDS	114,600	$5,950	7,525	$543
POLLOCK, GREEN, SALTED 2/. . . .	1940	DO	4,100	100	-	-
CLAMS:						
SOFT:						
PICKLED, SOUSED.	1940	GALLONS	75	150	-	-
FRESH-SHUCKED.	1940	DO	-	-	6,777	9,166
STEAMED MEATS.	1940	POUNDS	117,074	11,603	-	-
HARD, FRESH-SHUCKED.	1940	GALLONS	22,346	18,028	10,000	11,750
RAZOR, FRESH-SHUCKED	1940	DO	-	-	29,450	11,952
CRAB MEAT, PACKAGED, FRESH COOKED	1940	POUNDS	2,000	700	1,000	300
LOBSTER MEAT, PACKAGED, FRESH COOKED	1940	DO	-	-	2,250	2,512
OYSTERS, FRESH-SHUCKED	1940	GALLONS	-	-	2,100	4,440
SCALLOPS:						
BAY, FRESH-SHUCKED	1940	DO	-	-	124,491	416,256
SEA, FRESH-SHUCKED	1940	DO	22,753	34,302	651,588	829,053
TOTAL.		-	-	70,843	-	1,285,972
GRAND TOTAL.		-	-	40,106,100	-	50,901,951

DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL, MAY BE SHOWN IN ITS FINAL ATE OF PROCESSING IN THIS OR ANOTHER SECTION.

INCLUDED WITH MISCELLANEOUS PRODUCTS.

MISCELLANEOUS FRESH OR FROZEN IN MAINE INCLUDES MACKEREL, ROSEFISH, WHITING, AND WOLFFISH FILLETS, AND TUNA TEAKS; IN MASSACHUSETTS, HERRING, OCEAN POUT, TAUTOG, TILEFISH, AND TUNA FILLETS.

MISCELLANEOUS CANNED, IN MAINE, INCLUDES ANIMAL FOOD, HERRING ROE, TUNA, FISH CHOWDER, LOBSTER NEWBURG, AND CANNED CLAM CAKES; IN MASSACHUSETTS AND RHODE ISLAND, KIPPERED ALEWIVES, FISH CAKES, FISH PASTE, HADDOCK CHOWDER, SMOKED FINNAN HADDIE, SMOKED SALMON, SALMON AND CHEESE, SEA HERRING, SMOKED AND KIPPERED TUNA, TUNA FRANKFURTERS, HARD CLAMS, WHOLE CLAM CHOWDER, AND CLAM LOAF.

BUTTONS MANUFACTURED IN CONNECTICUT.

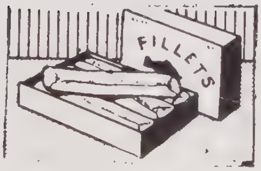
MISCELLANEOUS BYPRODUCTS IN MAINE, INCLUDES GLUE, ROSEFISH OIL, PEARL ESSENCE, ALGIN, IRISH MOSS, AND KELP PRODUCTS; IN MASSACHUSETTS, ISINGLASS, IRISH MOSS, AND HOMOGENIZED CONDENSED FISH.

SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES: STATE	MANUFACTURED FISHERY PRODUCTS VALUE	FISHERMENS' PREPARED PRODUCTS VALUE	TOTAL VALUE
MAINE	$40,035,257	$70,843	$40,106,100
MASSACHUSETTS	46,647,633	1,197,901	47,845,534
RHODE ISLAND AND NEW HAMPSHIRE	706,540	81,056	787,596
CONNECTICUT	2,261,806	7,015	2,268,821
TOTAL	89,651,236	1,356,815	91,008,051

SUMMARY OF ITEMS: ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH	1948	POUNDS	151,303,120	$35,197,238
CANNED FISH AND SHELLFISH	1948	STANDARD CASES	4,673,913	39,866,513
BYPRODUCTS	1948	-	-	10,721,145
PACKAGED SHELLFISH	1940	POUNDS	15,244,222	3,133,679
SALTED, DRIED AND PICKLED	1940	DO	17,129,175	1,581,175
SMOKED AND KIPPERED	1940	DO	4,799,715	508,301
TOTAL	-	-	-	91,008,051



MAINE

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES		HAUL SEINES, COMMON	STOP SEINES	GILL NETS		LINES	
	MACKEREL	OTHER			DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HERMEN:								
IN VESSELS	51	-	-	37	35	-	7	6
IN BOATS AND SHORE:								
REGULAR	3	152	59	336	31	-	296	331
CASUAL	-	39	-	126	-	7	490	51
TOTAL	54	191	59	499	66	7	793	388
SELS, MOTOR:	12	-	-	9	8	-	7	1
T TONNAGE	119	-	-	81	94	-	45	5
TS:								
OTOR	1	52	18	136	11	-	258	232
THER	1	49	11	120	-	-	53	-
ESSORY BOATS	15	-	-	12	-	-	-	-
ARATUS:								
UMBER	13	52	18	145	305	5	2,265	12,416
ENGTH, YARDS	4,150	16,225	2,100	63,410	-	-	-	-
QUARE YARDS	-	-	-	-	96,130	915	-	-
OOKS	-	-	-	-	-	-	6,774	571,800

ITEM	FLOATING TRAPS	WEIRS	FYKE NETS, FISH	DIP NETS, COMMON	BAG NETS	OTTER TRAWLS, FISH	TRAPS, BOX
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HERMEN:							
N VESSELS	-	-	-	-	-	376	-
N BOATS AND SHORE:							
REGULAR	45	285	2	36	18	150	-
CASUAL	8	119	-	81	30	-	13
TOTAL	53	404	2	117	48	526	13
SELS, MOTOR	-	-	-	-	-	61	-
ET TONNAGE	-	-	-	-	-	1,785	-
TS:							
OTOR	20	135	2	5	-	50	-
THER	13	132	-	16	-	-	1
ARATUS:							
MBER	20	207	6	117	44	111	10
RDS AT MOUTH	-	-	-	-	-	2,754	-

ITEM	POTS, LOBSTER	HARPOONS	DREDGES, SCALLOP	RAKES, OTHER THAN FOR OYSTERS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ERMEN:							
VESSELS	49	-	11	-	-	-	511
BOATS AND SHORE:							
REGULAR	4,097	45	73	120	958	11	5,568
CASUAL	1,208	63	9	112	1,284	60	3,670
TOTAL	5,354	108	93	232	2,242	71	9,749
ELS, MOTOR	42	-	1	-	-	-	116
ET TONNAGE	292	-	22	-	-	-	2,231
TS:							
OTOR	4,482	74	41	48	283	15	4,915
THER	750	-	-	86	863	15	2,103
ESSORY BOATS	-	-	-	-	-	-	27
ARATUS:							
NUMBER	459,214	74	42	232	2,242	-	-
YARDS AT MOUTH	-	-	47	-	-	-	-

LOBSTER POTS

MAINE: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		STOP SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VAL
COD	-	-	-	-	-	-	1,546,200	$141,
CUSK	-	-	-	-	-	-	19,900	8
FLOUNDERS:								
GRAY SOLE	-	-	-	-	-	-	100	
BLACKBACK	-	-	-	-	-	-	4,600	3
DAB	-	-	-	-	-	-	200	
HADDOCK	-	-	-	-	-	-	129,000	13,6
HAKE:								
RED	-	-	-	-	-	-	41,700	1,8
WHITE	-	-	-	-	-	-	1,767,200	110,8
HALIBUT	-	-	-	-	-	-	200	
HERRING, SEA	54,248,100	$1,014,310	-	-	78,503,200	$1,508,966	-	-
MACKEREL	2,872,000	143,548	-	-	266,200	6,660	84,000	4,6
MENHADEN	18,800	151	-	-	-	-	-	-
POLLOCK	-	-	-	-	-	-	3,027,800	118,9
ROSEFISH (OCEAN PERCH)	-	-	-	-	-	-	6,100	1
SHAD	-	-	-	-	-	-	2,200	
SHARKS	-	-	-	-	-	-	40,900	1,2
SKATES	-	-	-	-	-	-	700	
SMELT	-	-	151,500	$31,634	-	-	13,000	3,5
STURGEON	-	-	-	-	-	-	100	
WHITING	-	-	-	-	-	-	100	
WOLFFISH	-	-	-	-	-	-	400	
UNCLASSIFIED, FOR FOOD.	-	-	-	-	-	-	15,600	3
TOTAL	57,138,900	1,158,009	151,500	31,634	78,769,400	1,515,626	6,700,000	397,9

SPECIES	LINES				FLOATING TRAPS		WEIRS	
	HAND		TRAWL OR TROT WITH HOOKS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	40,000	$92
COD	917,100	$35,123	1,567,400	$69,124	-	-	-	-
CUSK	2,900	101	391,000	20,661	-	-	-	-
EELS, COMMON	200	19	-	-	-	-	-	-
FLOUNDERS:								
GRAY SOLE	-	-	2,700	169	100	$5	-	-
BLACKBACK	-	-	1,300	58	-	-	-	-
DAB	-	-	1,200	46	-	-	-	-
HADDOCK	56,400	4,080	344,200	28,388	-	-	-	-
HAKE:								
RED	-	-	200	13	-	-	-	-
WHITE	138,700	3,179	2,327,000	73,184	200	9	-	-
HALIBUT	3,700	1,098	17,000	5,088	-	-	-	-
HERRING, SEA	-	-	-	-	18,200	456	49,691,400	962,72
MACKEREL	28,000	1,660	-	-	534,200	28,539	305,100	6,71
MENHADEN	-	-	-	-	5,300	76	-	-
POLLOCK	294,300	5,021	591,400	11,512	2,400	60	26,100	1,04
ROSEFISH (OCEAN PERCH)	-	-	300	7	-	-	-	-
SHAD	-	-	-	-	200	8	-	-
SHARKS	500	32	2,400	141	2,400	94	-	-
SMELT	236,300	63,856	-	-	-	-	-	-
SUCKERS	400	38	-	-		-	-	-
TUNA, BLUEFIN	5,400	480	-	-	-	-	-	-
WHITING	-	-	-	-	9,700	171	-	-
WOLFFISH	2,600	56	14,300	418	-	-	-	-
UNCLASSIFIED FOR FOOD	-	-	19,100	835	100	3	-	-
TOTAL	1,686,500	114,743	5,279,500	209,695	572,800	29,421	50,062,600	971,41

SPECIES	FYKE NETS		DIP NETS		BAG NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,827,800	$10,445	-	-	-	-
COD	-	-	-	-	-	-	2,355,500	$114,920
CUSK	-	-	-	-	-	-	600,400	24,183
EELS, COMMON	2,000	$371	-	-	-	-	-	-
FLOUNDERS:								
GRAY SOLE	-	-	-	-	-	-	750,500	45,548
LEMON SOLE	-	-	-	-	-		8,300	630
YELLOWTAIL	-	-	-	-	-	-	117,800	7,345
BLACKBACK	-	-	-	-	-	-	864,200	52,750
DAB	-	-	-	-	-	-	562,500	18,875
UNCLASSIFIED	-	-	-	-	-	-	1,000	20

(CONTINUED ON NEXT PAGE)

MAINE: CATCH BY GEAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		BAG NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HADDOCK	-	-	-	-	-	-	5,521,500	$395,838
HAKE:								
RED	-	-	-	-	-	-	18,100	499
WHITE	-	-	-	-	-	-	1,340,600	44,159
HALIBUT	-	-	-	-	-	-	22,000	6,321
MACKEREL	-	-	-	-	-	-	2,000	165
POLLOCK	-	-	-	-	-	-	2,358,600	72,546
ROSEFISH (OCEAN PERCH)	-	-	-	-	-	-	49,035,000	1,711,578
SHAD	-	-	-	-	-	-	200	11
SHARKS	-	-	-	-	-	-	2,600	90
SMELT	-	-	26,900	$2,784	114,600	$35,474	-	-
STURGEON	-	-	-	-	-	-	100	12
SUCKERS	3,800	$506	-	-	-	-	-	-
SWORDFISH	-	-	-	-	-	-	500	258
WHITING	-	-	-	-	-	-	8,644,800	113,446
WOLFFISH	-	-	-	-	-	-	199,300	8,214
UNCLASSIFIED, FOR FOOD	-	-	-	-	-	-	63,500	1,836
LOBSTERS, NORTHERN	-	-	-	-	-	-	4,300	1,755
SHRIMP	-	-	-	-	-	-	27,300	3,120
CONCHS	-	-	-	-	-	-	1,000	110
SEA URCHINS	-	-	180,200	4,448	-	-	-	-
TOTAL	5,800	877	2,034,900	17,677	114,600	35,474	72,501,600	2,624,229

SPECIES	BOX TRAPS		POTS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	18,100	$3,144	-	-	-	-	-	-
SHARKS	-	-	-	-	600	$29	-	-
TUNA, BLUEFIN	-	-	-	-	223,600	18,615	-	-
CRABS, ROCK	-	-	340,100	$19,878	-	-	-	-
LOBSTERS, NORTHERN	-	-	15,918,700	6,437,712	-	-	-	-
SCALLOPS, SEA	-	-	-	-	-	-	453,700	$217,662
TOTAL	18,100	3,144	16,258,800	6,457,590	224,200	18,644	453,700	217,662

SPECIES	RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS,PUBLIC:						
HARD	-	-	288,700	$60,348	-	-
SOFT	-	-	8,969,300	1,801,207	-	-
MUSSELS, SEA	-	-	124,100	13,365	-	-
PERIWINKLES AND COCKLES	-	-	-	-	19,800	$6,213
IRISH MOSS	1,483,700	$29,675	-	-	-	-
BLOODWORMS	-	-	567,900	305,044	-	-
SANDWORMS	-	-	77,900	57,307	-	-
TOTAL	1,483,700	29,675	10,027,900	2,237,271	19,800	6,213

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1948

ITEM	GILL NETS	LINES		WEIRS	DIP NETS, COMMON
		HAND	TRAWL OR TROT WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:					
REGULAR	2	1	2	-	-
CASUAL	-	5	-	3	20
TOTAL	2	6	2	3	20
BOATS, MOTOR	1	1	1	-	-
APPARATUS:					
NUMBER	6	21	8	2	20
SQUARE YARDS	1,920	-	-	-	-
HOOKS	-	40	600	-	-

(CONTINUED ON NEXT PAGE)

NEW HAMPSHIRE: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	POTS, LOBSTERS	SPEARS	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN ON BOATS AND SHORE:				
REGULAR	144	-	5	144
CASUAL	70	10	21	129
TOTAL	214	10	26	273
BOATS:				
MOTOR	130	-	-	131
OTHER	70	-	5	75
APPARATUS, NUMBER	9,777	10	26	-

NEW HAMPSHIRE: CATCH BY GEAR, 1948

SPECIES	GILL NETS, DRIFT		LINES				WEIRS	
			HAND		TRAWL OR TROT WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	60,000	$600
COD	-	-	1,200	$76	6,300	$382	-	-
CUSK	-	-	300	22	700	51	-	-
FLOUNDERS, BLACKBACK	-	-	-	-	600	42	-	-
HADDOCK	-	-	200	19	1,800	219	-	-
HAKE, WHITE	-	-	700	43	9,800	490		
MACKEREL	8,400	$800	-	-	-	-	-	-
SMELT	-	-	1,000	350	5,000	1,750	-	-
TOTAL	8,400	800	3,400	510	24,200	2,934	60,000	600

SPECIES	DIP NETS		POTS		SPEARS		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	20,000	$200	-	-	-	-	-	-
EELS, COMMON	-	-	-	-	2,300	$759	-	-
CRABS, ROCK	-	-	3,000	$150	-	-	-	-
LOBSTERS, NORTHERN	-	-	401,500	248,630	-	-	-	-
CLAMS, SOFT, PUBLIC	-	-	-	-	-	-	6,800	$1,500
SANDWORMS	-	-	-	-	-	-	100	73
TOTAL	20,000	200	404,500	248,780	2,300	759	6,900	1,573

MASSACHUSETTS

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MACKEREL	HAUL SEINES, COMMON	GILL NETS		LINES		POUND NETS	FLOATING TRAPS
			ANCHOR	DRIFT	HAND	TRAWL OR TROT WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	532	-	47	13	53	159	3	-
ON BOATS AND SHORE:								
REGULAR	23	7	10	70	161	225	109	46
CASUAL	-	15	-	55	403	86	3	10
TOTAL	555	22	57	138	617	470	115	56
VESSELS, MOTOR	42	-	8	2	13	18	1	-
NET TONNAGE	1,465	-	140	25	138	402	5	-
BOATS:								
MOTOR	4	-	5	46	233	117	28	16
OTHER	7	7	4	-	60	-	36	26
ACCESSORY BOATS	84	-	-	-	-	29	2	-
APPARATUS:								
NUMBER	46	8	309	778	721	11,921	69	32
LENGTH, YARDS	22,590	425	-	-	-	-	-	-
SQUARE YARDS	-	-	177,733	428,400	-	-	-	-
HOOKS	-	-	-	-	871	652,770	-	-

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			HARPOONS
				CRAB	EEL	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	-	4,080	-	-	-	161
ON BOATS AND SHORE:							
REGULAR	-	45	24	5	5	436	44
CASUAL.	2	121	12	1	-	1,116	55
TOTAL	2	166	4,116	6	5	1,552	260
VESSELS, MOTOR.	-	-	539	-	-	-	33
NET TONNAGE	-	-	23,266	-	-	-	677
BOATS:							
MOTOR	-	6	15	4	5	885	39
OTHER	1	144	-	-	-	433	14
ACCESSORY BOATS	-	-	-	-	-	-	51
APPARATUS:							
NUMBER.	1	143	713	432	125	93,978	72
YARDS AT MOUTH.	-	-	23,113	-	-	-	-

ITEM	SPEARS	DREDGES			TONGS	
		CLAM	OYSTER, COMMON	SCALLOP	OYSTER	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	922	-	-
ON BOATS AND SHORE:						
REGULAR	12	40	9	417	25	144
CASUAL.	-	8	-	1,795	-	228
TOTAL	12	48	9	3,134	25	372
VESSELS, MOTOR.	-	-	-	103	-	-
NET TONNAGE	-	-	-	3,541	-	-
BOATS:						
MOTOR	-	23	4	733	-	-
OTHER	-	-	-	371	20	372
APPARATUS:						
NUMBER.	12	23	4	3,101	25	372
YARDS AT MOUTH.	-	19	4	3,068	-	-

ITEM	RAKES, OTHER THAN FOR OYSTERS	FORKS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	-	-	-	5,282
ON BOATS AND SHORE:					
REGULAR	327	16	222	5	1,739
CASUAL.	607	-	317	-	4,332
TOTAL	934	16	539	5	11,353
VESSELS, MOTOR.	-	-	-	-	650
NET TONNAGE.	-	-	-	-	26,563
BOATS:					
MOTOR	25	-	-	1	2,024
OTHER	420	-	47	-	1,585
APPARATUS, NUMBER	916	16	539	-	-

DORY

MASSACHUSETTS: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	110,000	$1,650	335,600	$4,159	-	-
COD	400	19	-	-	1,494,600	$78,440
CUSK	-	-	-	-	2,600	98
FLOUNDERS:						
GRAY SOLE	300	19	-	-	-	-
YELLOWTAIL	-	-	-	-	300	24
BLACKBACK	-	-	-	-	8,000	823
DAB	100	5	-	-	1,000	55
HADDOCK	-	-	-	-	102,200	6,861
HAKE:						
RED	-	-	-	-	600	13
WHITE	900	26	-	-	1,022,000	33,175
HALIBUT	-	-	-	-	200	49
HERRING, SEA	50,000	1,142	-	-	-	-
LAUNCE	-	-	75,000	3,000	-	-
MACKEREL	23,722,400	1,366,266				
POLLOCK	1,100	36	-	-	3,344,300	106,842
SHAD	-	-	-	-	3,300	88
SHARKS	500	22	-	-	17,200	609
STURGEON	-	-	-	-	200	32
TUNA AND TUNALIKE FISHES,						
BLUEFIN	1,100	62	-	-	800	41
WHITING	28,400	716	-	-	300	8
WOLFFISH	-	-	-	-	100	5
UNCLASSIFIED, FOR FOOD	-	-	-	-	500	20
TOTAL	23,915,200	1,369,963	410,600	7,159	5,998,200	227,183

SPECIES	GILL NETS, CONT'D. DRIFT		LINES HAND		LINES TRAWL OR TROT WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	400	$6	-	-	-	-
ANGLERFISH	-	-	-	-	700	$31
BLUEFISH	-	-	1,000	$200	-	-
BUTTERFISH	100	19	-	-	1,800	212
COD	-	-	479,800	26,772	6,364,300	427,283
CUSK	-	-	700	26	1,104,100	52,096
EELS:						
COMMON	-	-	-	-	100	3
CONGER	-	-	-	-	500	18
FLOUNDERS:						
GRAY SOLE	-	-	-	-	200	23
LEMON SOLE	-	-	300	42	71,100	10,027
YELLOWTAIL	-	-	-	-	59,700	5,522
BLACKBACK	-	-	11,600	1,125	42,400	4,748
DAB	-	-	-	-	10,300	897
HADDOCK	-	-	11,400	912	4,401,200	367,032
HAKE:						
RED	-	-	-	-	1,300	80
WHITE	-	-	3,600	116	2,757,600	137,734
HALIBUT	-	-	100	25	93,200	26,428
MACKEREL	465,900	26,865	-	-	700	67
POLLOCK	6,000	191	280,400	9,069	535,400	20,643
SCUP OR PORGY	-	-	300	8	-	-
SEA BASS	-	-	100	8	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	4,000	480	-	-
SHAD	7,300	205	-	-	100	7
SHARKS	3,800	136	8,900	328	2,500	114
SKATES	-	-	-	-	33,100	1,204
SMELT	-	-	100	16	-	-
STRIPED BASS	-	-	75,500	11,614	200	31
TAUTOG	-	-	43,000	3,320	-	-
TUNA AND TUNALIKE FISHES,						
BLUEFIN	-	-	738,000	46,115	-	-
WHITING	81,200	2,104	-	-	16,400	450

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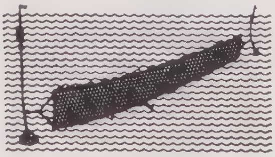

ANCHOR GILL NET

MASSACHUSETTS: CATCH BY GEAR, 1948 - Continued

SPECIES	GILL NETS, CONT'D.		LINES			
	DRIFT		HAND		TRAWL OR TROT WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FFISH.	-	-	-	-	154,600	$10,797
ASSIFIED, FOR FOOD.	-	-	-	-	3,100	136
TOTAL	564,700	$29,526	1,658,800	$100,176	15,654,600	1,065,583

SPECIES	POUND NETS		FLOATING TRAPS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WIVES.	-	-	1,000	$15	-	-
ERFISH.	700	$13	-	-	-	-
EFISH.	1,200	278	-	-	-	-
TERFISH.	118,100	18,128	9,700	1,223	-	-
	200	13	5,300	255	-	-
S, COMMON.	-	-	-	-	200	$45
UNDERS:						
LACKBACK	4,000	387	-	-	300	18
LUKE	9,000	1,650	-	-	-	-
GATE MACKEREL.	6,700	173	-	-	-	-
YFISH.	34,000	373	-	-	-	-
:						
ED	3,400	34	-	-	-	-
HITE	40,600	1,559	-	-	-	-
RING, SEA.	2,132,900	59,785	62,800	1,038	-	-
KEREL.	9,260,600	932,547	1,676,600	87,529	-	-
HADEN.	1,014,100	12,767	30,700	398	-	-
LOCK	179,300	6,677	119,600	3,819	-	-
MON.	-	-	100	23	-	-
P OR PORGY	77,000	2,118	-	-	-	-
BASS.	3,700	355	-	-	-	-
TROUT OR WEAKFISH, GRAY	8,600	1,017	-	-	-	-
D.	19,200	1,933	3,000	78	-	-
RKS.	4,700	353	-	-	-	-
PED BASS.	1,200	161	800	124	-	-
RGEON.	300	40	-	-	-	-
OG.	5,600	345	100	3	-	-
AND TUNALIKE FISHES:						
EFIN	1,732,200	117,944	11,800	658	-	-
NITO.	2,300	242	-	-	-	-
NG	2,629,100	51,033	318,500	7,826	-	-
SSIFIED, FOR FOOD.	4,400	168	-	-	-	-
	1,300,700	78,819	3,300	134	-	-
TOTAL	18,593,800	1,288,912	2,243,300	103,123	500	63

SPECIES	DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
ES.	20,000	$200	600	$9
RFISH.	-	-	14,200	312
ERFISH.	-	-	546,400	74,933
	-	-	52,405,000	3,324,903
ER.	-	-	2,500	50
K.	-	-	1,090,600	46,361
, CONGER.	-	-	12,400	691
UNDERS:				
RAY SOLE	-	-	2,263,100	202,944
MON SOLE.	-	-	5,182,700	795,055
ELLOWTAIL.	-	-	32,023,300	2,971,481
LACKBACK	-	-	14,273,100	1,661,759
AB	-	-	2,156,800	160,746
UKE	-	-	2,360,600	487,702
NCLASSIFIED.	-	-	800	47
OCK	-	-	144,015,500	11,418,008
:				
ED	-	-	4,200,600	53,609
HITE	-	-	6,070,400	238,815

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MASSACHUSETTS: CATCH BY GEAR, 1948 - Continued

SPECIES	DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	340,700	$72,042
HERRING, SEA	299,500	$ 4,203	2,557,400	64,807
MACKEREL	-	-	335,000	25,620
MENHADEN	-	-	2,500	31
OCEAN POUT	-	-	6,100	172
POLLOCK	-	-	26,939,800	1,016,124
ROSEFISH (OCEAN PERCH)	-	-	189,053,800	7,935,101
SCUP OR PORGY	-	-	1,470,300	42,387
SEA BASS	-	-	25,700	2,076
SEA TROUT OR WEAKFISH, GRAY	-	-	300	31
SHAD	-	-	1,500	70
SHARKS	-	-	34,000	1,629
SKATES	-	-	25,300	1,056
SMELT	-	-	1,000	15
STRIPED BASS	-	-	500	73
STURGEON	-	-	8,900	967
SWORDFISH	-	-	2,000	749
TAUTOG	-	-	8,700	392
TILEFISH	-	-	250,700	19,054
TUNA AND TUNALIKE FISHES:				
BLUEFIN	-	-	19,200	1,337
WHITING	-	-	65,830,400	1,584,443
WOLFFISH	-	-	1,805,600	124,947
UNCLASSIFIED, FOR FOOD	-	-	3,521,800	144,312
LOBSTERS, NORTHERN	-	-	400	58
CONCHS	-	-	50,000	5,500
SCALLOPS:				
BAY	33,900	19,000	-	-
SEA	-	-	17,500	9,114
SQUID	-	-	92,100	4,478
TOTAL	353,400	23,403	559,019,800	32,494,010

SPECIES	POTS		HARPOONS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	29,000	$4,550	-	-	8,000	$1,60
FLOUNDERS, FLUKE	-	-	200	$39		
SWORDFISH	-	-	813,300	322,812	-	-
TUNA, BLUEFIN	-	-	117,100	6,512	-	-
CRABS, ROCK	689,700	$51,876	-	-	-	-
LOBSTERS, NORTHERN	3,211,200	1,379,018	-	-	-	-
TOTAL	3,929,900	1,435,444	930,600	329,363	8,000	1,60

SPECIES	DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
LEMON SOLE	3,400	$107	-	-	-	-
YELLOWTAIL	4,100	391	-	-	-	-
BLACKBACK	8,800	1,053	-	-	-	-
DAB	200	17	-	-	-	-
HAKE, WHITE	100	4	-	-	-	-
UNCLASSIFIED, FOR FOOD	400	17	-	-	-	-
CLAMS:						
HARD, PUBLIC	199,700	50,465	349,300	$104,312	933,800	$320,34
HARD, PRIVATE	-	-	-	-	12,100	2,46
SURF	-	-	-	-	13,100	4,05
OYSTERS, MARKET:						
PUBLIC, FALL	-	-	6,500	2,500	-	-
PRIVATE, FALL	82,600	54,632	111,000	73,655	-	-
SCALLOPS:						
BAY	1,295,700	927,402	-	-	120,000	79,80
SEA	11,968,200	6,269,694	-	-	-	-
IRISH MOSS	-	-	-	-	600,000	8,95
TOTAL	13,563,200	7,303,782	466,800	180,467	1,679,000	415,61

SPECIES	FORKS		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
RAZOR	-	-	43,900	$6,162	-	-
SOFT, PUBLIC	-	-	624,600	259,041	-	-
SOFT, PRIVATE	-	-	800	354	-	-
OYSTERS, MARKET, PRIVATE, FALL	29,200	$18,000	-	-	-	-
PERIWINKLES AND COCKLES	-	-	-	-	300	$2
SANDWORMS	-	-	6,700	6,442	-	-
TOTAL	29,200	18,000	676,000	271,999	300	2

RHODE ISLAND

OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS, DRIFT	LINES: HAND	LINES: TRAWL OR TROT WITH HOOKS	LINES: TROLL	FLOATING TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
SHERMEN:						
ON VESSELS	-	-	9	7	-	52
ON BOATS AND SHORE, REGULAR	35	6	66	46	18	16
TOTAL	35	6	75	53	18	68
SSELS, MOTOR	-		4	3	-	5
NET TONNAGE	-		27	21	-	45
ATS:						
MOTOR	4	3	51	23	15	4
OTHER	11	-	-	-	-	9
CESSORY BOATS	-	-	-	-	-	14
PARATUS:						
NUMBER	13	30	150	1,260	60	20
LENGTH, YARDS	2,416	-	-	-	-	
SQUARE YARDS	-	9,000	-	-	-	-
HOOKS	-	-	150	50,400	60	-

ITEM	FYKE NETS, FISH	OTTER TRAWLS, FISH	POTS: CRAB	POTS: EEL	POTS: LOBSTER	PERIWINKLE AND COCKLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
SHERMEN:						
ON VESSELS	-	121	-	2	4	-
ON BOATS AND SHORE:						
REGULAR	2	50	7	9	76	2
CASUAL	-	-		1	160	-
TOTAL	2	171	7	12	240	2
SSELS, MOTOR	-	50	-	1	2	-
NET TONNAGE	538	538	-	9	12	-
ATS, MOTOR	1	31	6	8	177	2
PARATUS:						
UMBER	1	81	330	782	15,444	80
ARDS AT MOUTH	-	2,055	-	-	-	

ITEM	HARPOONS	DREDGES: CLAM	DREDGES: OYSTER, COMMON	DREDGES: SCALLOP	TONGS, OTHER THAN FOR OYSTERS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
SHERMEN:					
ON VESSELS	33	30	39	14	-
ON BOATS AND SHORE:					
REGULAR	26	10	-	265	293
CASUAL	-			265	1,077
TOTAL	59	40	39	544	1,370
SSELS, MOTOR	13	12	9	7	-
NET TONNAGE	129	193	177	53	-
ATS:					
MOTOR	13	5	-	239	101
OTHER	-	-	-	-	1,269
CCESSORY BOATS	13	-	-	-	-
PPARATUS:					
NUMBER	26	17	18	1,274	1,370
YARDS AT MOUTH	-	17	25	993	-

(CONTINUED ON NEXT PAGE)

PURSE SEINE

RHODE ISLAND: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	RAKES		HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-		238
ON BOATS AND SHORE:				
REGULAR	20	93	92	584
CASUAL	80	91	50	1,391
TOTAL	100	184	142	2,213
VESSELS, MOTOR	-	-	-	75
NET TONNAGE	-	-	-	884
BOATS:				
MOTOR	-	22	-	520
OTHER	50	162	118	1,287
ACCESSORY BOATS	-	-	-	27
APPARATUS, NUMBER	100	184	142	-

RHODE ISLAND: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS, DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VAL
ALEWIVES	-	-	316,900	$3,169	-	-
EELS, COMMON	-	-	5,000	750	-	-
HERRING, SEA	-	-	81,700	1,634	-	-
MACKEREL	667,500	$49,264	-	-	17,500	$2,
SEA TROUT OR WEAKFISH, GRAY	-	-	12,700	1,320	-	-
STRIPED BASS	-	-	33,800	6,556	-	-
WHITE PERCH	-	-	4,900	820	-	-
TOTAL	667,500	49,264	455,000	14,249	17,500	2,

SPECIES	LINES					
	HAND		TRAWL OR TROT WITH HOOKS		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VAL
BLUEFISH	-	-	-	-	200	$
COD	149,400	$9,533	52,400	$3,367	-	-
EELS, CONGER	-	-	100	3	-	-
FLOUNDERS:						
BLACKBACK	-	-	100	6	-	-
FLUKE	-	-	100	19	-	-
HAKE:						
RED	-	-	7,300	88	-	-
WHITE	-	-	900	41	-	-
MACKEREL	-	-	-	-	6,400	6
POLLOCK	1,900	65	5,800	230	-	-
SCUP OR PORGY	2,200	71	200	12	-	-
SEA BASS	3,400	437	1,300	254	-	-
SEA TROUT OR WEAKFISH, GRAY	6,800	780	-	-	-	-
SHARKS	-	-	1,000	72	-	-
SKATES	-	-	500	7	-	-
STRIPED BASS	1,500	290	-	-	100	
TAUTOG	600	32	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	1,100	1
UNCLASSIFIED, FOR FOOD	-	-	100	5	-	-
TOTAL	165,800	11,208	69,800	4,104	7,800	8

SPECIES	FLOATING TRAPS		FYKE NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
ALEWIVES	600	$6	-	-	-	-
ANGLERFISH	-	-	-	-	1,600	$
BLUEFISH	16,800	3,958	-	-	100	
BUTTERFISH	329,300	27,990	-	-	1,110,900	94,4
COD	287,700	17,949	-	-	300,900	18,7
CUNNER	-	-	-	-	8,000	

(CONTINUED ON NEXT PAGE)

RHODE ISLAND: CATCH BY GEAR, 1948 - Continued

SPECIES	FLOATING TRAPS		FYKE NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
B, CONGER	700	$19	-	-	16,600	$557
UNDERS:						
RAY SOLE	-	-	-	-	1,700	118
ELLOWTAIL	-	-	-	-	3,292,800	249,523
LACKBACK	5,200	288	-	-	1,582,800	87,335
AB	-	-	-	-	300	15
LUKE	101,900	18,847	-	-	303,500	56,929
NCLASSIFIED	3,300	181	-	-	5,900	265
GATE MACKEREL	4,800	209	-	-	-	-
YFISH	-	-	-	-	200	4
DOCK	-	-	-	-	17,600	1,292
E:						
ED	10,700	152	-	-	1,332,800	16,144
HITE	35,200	1,051	-	-	87,400	2,635
RING SEA	812,000	14,617	-	-	331,500	6,007
G WHITING OR "KINGFISH"	500	28	-	-	1,100	64
KEREL	309,200	25,664	-	-	18,800	1,550
HADEN	35,100	609	-	-	-	-
LOCK	17,300	461	-	-	4,500	139
MON	400	45	-	-	-	-
P OR PORGY	1,390,500	48,667	-	-	2,405,600	83,085
BASS	94,500	10,405	-	-	57,100	6,485
ROBIN	13,600	137	-	-	600	6
TROUT OR WEAKFISH, GRAY	130,600	14,178	-	-	7,700	874
D	1,700	124	-	-	600	41
RKS	12,200	410	-	-	10,500	435
TES	100	1	-	-	2,400	46
T	1,900	64	-	-	-	-
IPED BASS	18,800	4,038	-	-	8,700	1,889
RGEON	900	193	-	-	1,100	238
LLFISH	28,300	572	-	-	38,300	1,040
TOG	15,200	614	3,000	$150	11,700	468
EFFISH	-	-	-	-	6,300	433
A AND TUNALIKE FISHES:						
LJEFIN	21,500	2,362	-	-	-	-
ONITO	1,200	145	-	-	-	-
TING	301,300	5,031	-	-	2,098,400	35,511
LASSIFIED:						
OR FOOD	5,900	59	-	-	259,000	4,488
THER	739,100	11,087	-	-	-	-
STERS, NORTHERN	-	-	-	-	1,900	569
HS	-	-	-	-	75,000	8,250
LOPS, SEA	-	-	-	-	1,300	588
D	256,700	16,693	-	-	300,800	19,363
TOTAL	5,004,700	226,854	3,000	150	13,707,000	699,768

SPECIES	POTS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
S, COMMON	22,600	$3,365	-	-	-	-
IN	-	-	100	$7	-	-
DFISH	-	-	99,300	39,547	-	-
, BLUEFIN	-	-	2,300	257	-	-
BS, ROCK	209,100	12,142	-	-	-	-
TERS, NORTHERN	382,700	176,295	-	-	-	-
MS:						
HARD, PUBLIC	-	-	-	-	692,900	$167,706
OCEAN QUAHOG	-	-	-	-	238,500	14,906
SSELS, SEA	-	-	-	-	30,000	3,750
STERS, MARKET:						
PRIVATE, SPRING	-	-	-	-	387,400	221,684
PRIVATE, FALL	-	-	-	-	451,100	250,793
RIWINKLES AND COCKLES	29,400	5,134	-	-	-	
ALLOPS:						
BAY	-	-	-	-	335,600	202,148
SEA	-	-	-	-	39,100	20,697
TOTAL	643,800	196,936	101,700	39,811	2,174,600	881,684

SPECIES	TONGS		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMS:						
HARD, PUBLIC	2,321,600	$770,829	497,000	$175,689	-	-
SOFT, PUBLIC	-	-	-	-	538,700	$136,175
STERS, MARKET, PUBLIC, FALL	-	-	70,000	30,000	-	-
TOTAL	2,321,600	770,829	567,000	205,689	538,700	136,175

CONNECTICUT

OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS			LINES		POUND NETS	STOP NETS
		ANCHOR	DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	-	2	-	2	20	3	-
ON BOATS AND SHORE:								
REGULAR	28	4	30	-	18	-	8	-
CASUAL	112	6	188	36	91	-	13	4
TOTAL	140	10	220	36	111	20	24	4
VESSELS, MOTOR	-	-	1	-	1	1	1	-
NET TONNAGE	-	-	6	-	6	21	6	-
BOATS:								
MOTOR	29	4	90	15	66	-	6	1
OTHER	12	-	10	1	11	-	-	1
ACCESSORY BOATS	-	-	-	-	-	10	1	-
APPARATUS:								
NUMBER	33	4	101	18	111	100	14	7
LENGTH, YARDS	7,815	-	-	-	-	-	-	-
SQUARE YARDS	-	2,400	98,100	450	-	-	-	140
HOOKS	-	-	-	-	222	30,000	-	-

ITEM	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			HARPOONS
				EEL	FISH	LOBSTER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	235	-	-	13	33
ON BOATS AND SHORE:							
REGULAR	-	4	50	3	-	89	2
CASUAL	8	116	113	67	2	303	-
TOTAL	8	120	398	70	2	405	35
VESSELS, MOTOR	-	-	77	-	-	7	9
NET TONNAGE	-	-	1,205	-	-	48	168
BOATS:							
MOTOR	4	59	88	31	1	232	1
OTHER	2	26	-	23	-	50	-
ACCESSORY BOATS	-	-	-	-	-	-	10
APPARATUS:							
NUMBER	28	120	165	936	20	20,012	10
YARDS AT MOUTH	-	-	2,395	-	-	-	-

ITEM	DREDGES		TONGS		RAKES, OTHER THAN FOR OYSTER	HOES	TOTAL, EXCLUSIVE O DUPLICATION
	OYSTER, COMMON	SCALLOP	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	90	2	-	-	-	2	353
ON BOATS AND SHORE:							
REGULAR	-	3	7	4	5	16	153
CASUAL	-	4	14	77	15	60	780
TOTAL	90	9	21	81	20	78	1,286
VESSELS:							
MOTOR	14	1	-	-	-	1	96
NET TONNAGE	234	6	-	-	-	7	1,485
STEAM	3	-	-	-	-	-	3
NET TONNAGE	117	-	-	-	-	-	117
TOTAL VESSELS	17	1	-	-	-	1	99
TOTAL NET TONNAGE	351	6	-	-	-	7	1,602
BOATS:							
MOTOR	-	4	8	46	12	46	445
OTHER	-	-	3	9	4	9	91
ACCESSORY BOATS	-	-	-	-	-	-	21
APPARATUS:							
NUMBER	34	10	21	81	20	78	-
YARDS AT MOUTH	51	10	-	-	-	-	-

CONNECTICUT: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS					
			ANCHOR		DRIFT		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WES.	670,000	$10,050	-	-	5,000	$70	-	-
ISH.	200	50	-	-	-	-	-	-
FISH.	-	-	100	$10	-	-	-	-
. . . .	18,000	1,760	-	-	200	14	-	-
SH AND BULLHEADS . . .	1,500	75	-	-	-	-	-	-
DERS, BLACKBACK. . . .	-	-	-	-	200	15	-	-
REL.	-	-	2,000	225	-	-	-	-
DEN.	-	-	40,700	407	38,000	380	-	-
WS	36,000	1,583	-	-	-	-	-	-
OR PORGY	-	-	-	-	100	7	-	-
ROUT OR WEAKFISH, GRAY	-	-	2,000	200	800	100	-	-
. . . .	210,700	29,700	-	-	391,400	55,340	6,100	$900
ED BASS.	2,000	500	-	-	-	-	-	-
RS	8,000	370	-	-	-	-	-	-
G.	-	-	200	26	100	8	-	-
NG	-	-	-	-	600	20	-	-
TOTAL	946,400	44,088	45,000	868	436,400	55,954	6,100	900

SPECIES	LINES				POUND NETS	
	HAND		TRAWL OR TROT WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
RRFISH.	-	-	-	-	300	$12
ISH.	20,500	$7,137	-	-	300	88
RRFISH.	-	-	-	-	6,500	750
SH AND BULLHEADS . . .	300	50	-	-	-	-
. . . .	7,000	721	-	-	-	-
COMMON.	-	-	-	-	1,100	235
DERS:						
OWTAIL.	-	-	-	-	2,000	150
CKBACK	4,400	384	-	-	8,500	530
KE	700	122	-	-	5,000	1,000
ISH.	100	3	-	-	-	-
, ...	-	-	-	-	2,100	65
E	500	36	-	-	400	20
G, SEA.	-	-	-	-	1,000	41
Y SHAD.	-	-	-	-	600	25
WHITING OR "KINGFISH".	400	24	-	-	-	-
EL.	150,300	18,540	-	-	200	25
EN.	800	95	-	-	30,000	300
K	500	38	-	-	-	-
OR PORGY	4,100	329	-	-	1,600	80
SS.	700	143	-	-	2,000	325
OUT OR WEAKFISH, GRAY	5,200	610	-	-	42,100	8,518
. . . .	-	-	-	-	13,400	2,000
. . . .	600	14	-	-	6,500	215
D BASS.	2,200	636	-	-	1,000	300
ISH	-	-	-	-	1,000	45
. . . .	7,200	774	-	-	20,000	1,900
SH.	-	-	100,000	$8,200	-	-
G	400	20	-	-	5,000	150
SSIFIED, OTHER	-	-	-	-	19,000	269
D	-	-	-	-	1,000	100
TOTAL	205,900	29,676	100,000	8,200	170,600	17,143

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ERFISH.	-	-	-	-	35,000	$800
FISH.	-	-	-	-	200	40
ERFISH.	-	-	-	-	784,700	75,078
. . . .	5,000	$500	1,000	$60	-	-
. . . .	-	-	-	-	310,000	34,000
IER.	-	-	-	-	4,000	250
:						
MMON.	1,700	255	-	-	-	-
NGER.	-	-	-	-	12,000	450

(CONTINUED ON NEXT PAGE)

CONNECTICUT: CATCH BY GEAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
FLOUNDERS:						
GRAY SOLE	-	-	-	-	10,000	$8
LEMON SOLE	-	-	-	-	100,000	12,
YELLOWTAIL	-	-	-	-	1,350,500	156,
BLACKBACK	-	-	-	-	3,672,500	303,
DAB	-	-	-	-	51,500	3,
FLUKE	-	-	-	-	512,000	67,
UNCLASSIFIED	-	-	-	-	8,000	
GRAYFISH	-	-	-	-	20,800	
HADDOCK	-	-	-	-	6,000	
HAKE:						
RED	-	-	-	-	350,200	10,
WHITE	-	-	-	-	14,200	8,
HERRING, SEA	-	-	-	-	3,301,400	100,
KING WHITING OR "KINGFISH"	-	-	-	-	5,000	
MACKEREL	-	-	-	-	50,000	5,
MINNOWS	5,000	$340	138,500	$3,395	-	-
POLLOCK	-	-	-	-	20,100	1,
SCUP OR PORGY	-	-	-	-	2,201,000	200,
SEA BASS	-	-	-	-	200,000	40,
SEA ROBIN	-	-	-	-	144,000	3,
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	35,000	4,
SHARKS	-	-	-	-	10,200	
SILVERSIDES	-	-	-	-	3,000	
SKATES	-	-	-	-	93,700	2,
STRIPED BASS	-	-	-	-	5,000	1,
STURGEON	-	-	-	-	10,400	1,
SUCKERS	13,000	853	-	-	-	-
SWELLFISH	-	-	-	-	22,000	
TAUTOG	-	-	-	-	122,600	11,
TILEFISH	-	-	-	-	40,000	3,
TUNA, BLUEFIN	-	-	-	-	4,000	
WHITING	-	-	-	-	503,000	16,
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	550,000	40,
OTHER	-	-	-	-	1,800	
CRABS, BLUE:						
HARD	-	-	3,100	625	-	-
SOFT AND PEELERS	-	-	700	300	-	-
LOBSTER, NORTHERN	-	-	-	-	12,900	4,
CONCHS	-	-	-	-	10,000	1,
SCALLOPS:						
BAY	-	-	15,500	11,655	-	-
SEA	-	-	-	-	3,000	1,4
SQUID	-	-	-	-	621,000	47,6
TOTAL	24,700	1,948	158,800	16,035	15,210,700	1,161,1

SPECIES	POTS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
EELS, COMMON	17,500	$3,350	-	-	-	-
SWORDFISH	-	-	25,800	$12,410	-	-
TAUTOG	1,000	60	-	-	-	-
LOBSTERS, NORTHERN	292,700	147,095	-	-	-	-
OYSTERS, MARKET:						
PRIVATE, SPRING	-	-	-	-	179,200	$77,1
PRIVATE, FALL	-	-	-	-	323,000	149,2
SCALLOPS, BAY	-	-	-	-	3,600	3,0
TOTAL	311,200	150,505	25,800	12,410	505,800	229,3

SPECIES	TONGS		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
CLAMS, PUBLIC:						
HARD	12,900	$5,800	8,000	$3,600	-	-
SOFT	-	-	-	-	21,500	$7,4
MUSSELS, SEA	3,000	750	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING	3,500	1,255	-	-	-	-
PUBLIC, FALL	8,000	2,565	-	-	-	-
SANDWORMS	-	-	-	-	500	2
TOTAL	27,400	10,370	8,000	3,600	22,000	7,6

LANDINGS AT CERTAIN MASSACHUSETTS PORTS [3]

Because of the important role they play in the production of fishery products, detailed daily statistics have been collected and published monthly on the landings at Boston, Gloucester, New Bedford, Provincetown, Massachusetts, and other Cape Cod ports. Landings by fishing craft of all sizes at the ports named are included in the data in the following tables.

It should be noted that these figures represent actual landings which have not been converted to round weight. Therefore the data are not directly comparable to the catch figures shown in the General Review, regional tabulations, or the section entitled 'Review of Certain Major Fisheries.'

During 1948, landings of fishery products at Boston, Gloucester, New Bedford, and Cape Cod ports amounted to 573,119,518 pounds, valued at $42,522,838 to the fisherman. This represented an increase of 21 percent in volume and 20 percent in value, compared with 1947. Gloucester resumed its position as the number one Massachusetts port with regard to volume, while Boston led in value. Gloucester landings accounted for 44 percent of the total poundage, but only 26 percent of the total value. An increase of 81 million pounds in the landings of rosefish (ocean perch) at Gloucester compared with the previous year, was the single factor responsible for Gloucester's outdistancing Boston in the volume of landings as well as resuming its former position as the leading port in the United States for landings of fish destined to be sold fresh or frozen.

The fishing fleet operating on the fishing banks of the North Atlantic and landing fares at Boston, Gloucester, New Bedford, and Cape Cod ports during 1948, numbered 1,244 craft of all sizes. Of these, 366 landed in one or more of the Cape Cod ports. There may be some duplication between the craft operating out of Cape Cod ports and those landing at other ports. The catch listed in the following tables does not represent the entire catch of these vessels, as some of them also landed fares at other New England ports, at New York City, and at more southerly ports in connection with the southern mackerel fishery and the southern trawl fishery.

Of the total landings, amounting to over 573 million pounds, 37 percent was caught by large otter trawlers; 33 percent by medium otter trawlers; 17 percent by small otter trawlers; 4 percent by purse seines; and the remaining 9 percent by other types of gear.

Rosefish accounted for 33 percent of the total landings; haddock, 23 percent; and cod, 9 percent. Rosefish showed a 77 percent increase over the previous year. The landings of rosefish from the more distant banks off Nova Scotia accounted for most of the gain in the 1948 catch of this species.

Haddock landings were 8.6 million pounds or 6 percent less than the 1947 catch.

The following tables contain detailed summary of information on the landings of fish and shellfish by fishing craft of all sizes in Boston, Gloucester, New Bedford, and Cape Cod ports. Information on the annual landings by ports was previously published in Current Fishery Statistics No. 472, while data on the landings by gear and area appeared in Current Fishery Statistics No. 506. Detailed information on the monthly landings by port and by gear and area of capture also were published in the Current Fishery Statistics series.

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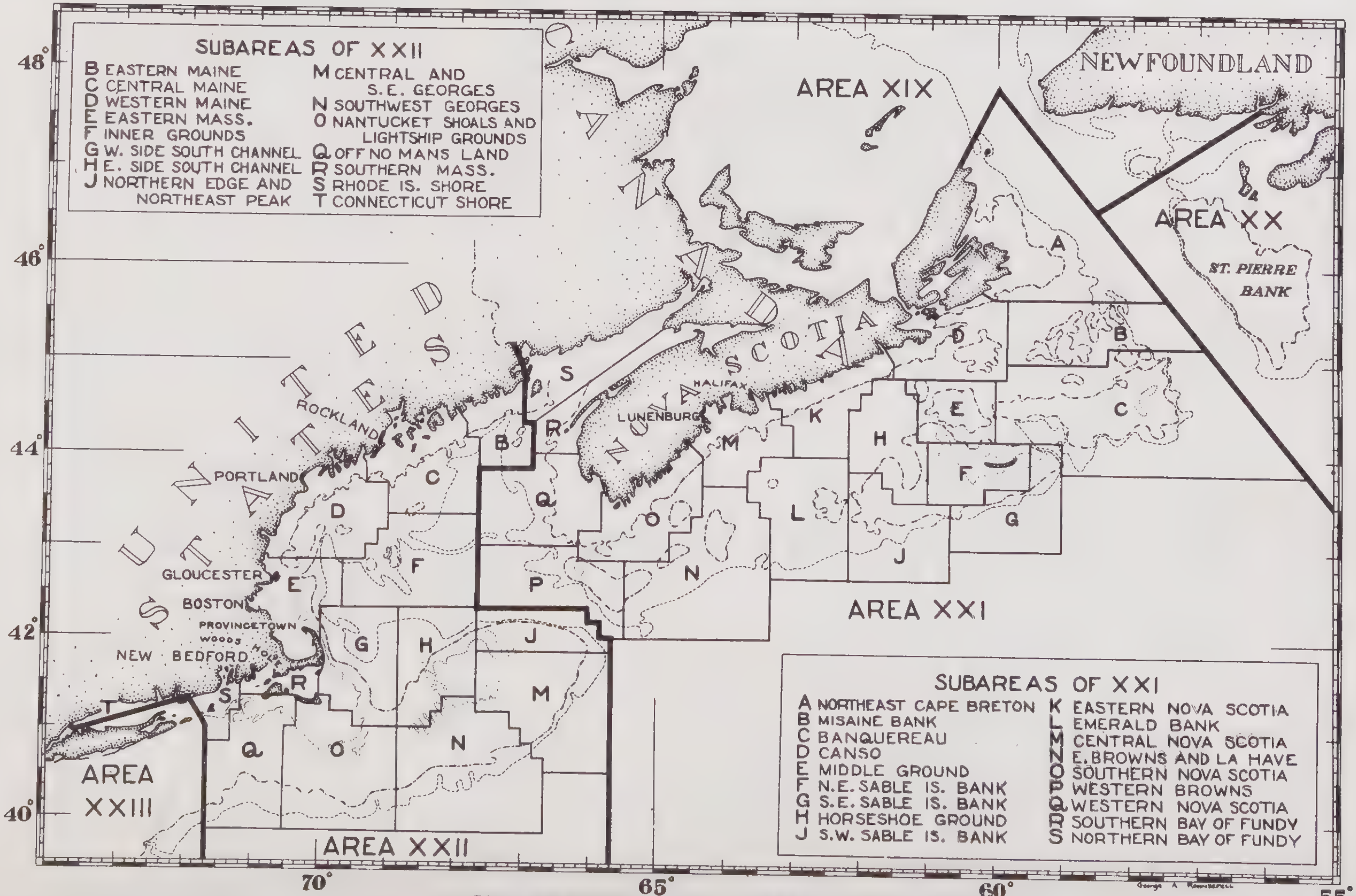
[3] *The reader is referred to Section 13 of this document for an account of the years for which surveys of these fisheries have been made.*

There is shown on the following chart the statistical areas and subareas used in reporting the catch landed at Massachusetts Ports.



STATISTICAL AREAS

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1948

SPECIES	BOSTON			GLOUCESTER			NEW BEDFORD		
	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAWN:									
LARGE	16,418,789	$1,321,290	8.05¢	5,528,419	$331,171	5.99¢	1,492,620	$111,603	7.48¢
MARKET	16,835,939	1,257,126	7.47	2,090,553	119,817	5.73	3,194,040	245,713	7.69
SCROD	1,455,590	102,331	7.03	77,965	3,911	5.02	1,643,305	101,693	6.19
CUSK, DRAWN	1,076,929	62,447	5.80	793,568	33,760	4.25	2,630	105	3.99
FLOUNDERS, ROUND:									
GRAY SOLE	996,587	114,758	11.52	1,103,416	70,919	6.43	91,875	8,729	9.50
LEMON SOLE	2,056,315	285,201	13.87	6,630	528	7.96	3,071,100	502,439	16.36
YELLOWTAIL	3,258,490	217,544	6.68	635,323	51,540	8.11	25,214,097	2,410,973	9.56
BLACKBACK	1,711,995	191,206	11.17	146,118	15,031	10.29	10,454,574	1,251,509	11.97
DAB	1,129,475	98,558	8.73	846,056	46,389	5.48	90,715	7,805	8.60
FLUKE	100	19	19.00	-	-	-	2,035,792	423,850	20.82
HADDOCK, DRAWN:									
LARGE	58,129,574	5,787,180	9.96	7,537,028	577,516	7.66	5,630,786	547,634	9.72
SCROD	47,177,883	3,978,475	8.43	3,624,686	228,221	6.30	5,779,265	453,231	7.84
HADDOCK, ROUND, SCROD .	1,000	120	12.00	-	-	-	-	-	-
HAKE:									
RED, ROUND	6,525	432	6.62	76,096	1,671	2.20	4,063,935	50,439	1.24
WHITE, DRESSED:									
LARGE	3,446,565	245,569	7.12	1,914,666	83,336	4.35	271,040	10,331	3.81
SMALL	8,945	616	6.89	1,332,101	53,842	4.04	9,810	417	4.25
HALIBUT, DRAWN	248,226	59,528	23.98	32,257	7,912	24.53	34,421	8,549	24.84
MACKEREL, ROUND	3,472,987	256,820	7.39	19,886,200	1,038,605	5.22	1,683,400	127,908	7.60
POLLOCK, DRAWN	17,683,169	794,046	4.49	9,012,727	325,437	3.61	374,440	14,862	3.97
POLLOCK, ROUND	890	43	4.83	192,185	4,123	2.14	5,565	124	2.23
ROSEFISH (O. PERCH), ROUND	11,383,271	497,627	4.37	176,800,876	7,405,740	4.19	350,102	14,258	4.07
SCUP OR PORGY, ROUND .	-	-	-	-	-	-	873,751	26,737	3.06
SWORDFISH, DRESSED . .	303,107	152,961	50.46	42,241	21,670	51.30	164,561	80,101	48.68
WHITING, DRESSED . . .	11,373,121	500,003	4.40	12,826,608	555,202	4.33	800	17	2.12
WHITING, ROUND	54,655	1,776	3.25	866,363	21,875	2.52	58,761	920	1.56
WOLFFISH, DRAWN	1,168,986	108,421	9.27	177,867	9,581	5.39	86,115	3,835	4.45
SCALLOPS (MEATS) . . .	250,252	136,457	54.53	66,132	33,523	50.69	10,081,805	5,279,607	52.37
OTHER, AS LANDED . . .	330,998	11,949	3.61	5,497,083	193,551	3.52	812,217	89,179	10.98
TOTAL, AS LANDED . .	199,980,363	16,182,503	8.09	251,113,164	11,234,871	4.47	77,571,522	11,772,568	15.18
TOTAL IN 1947, AS LANDED	202,663,403	14,973,421	7.39	163,713,120	7,635,973	4.66	73,115,187	10,417,340	14.25

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1948 - Continued

SPECIES	CAPE COD PORTS			TOTAL					
				1948			1947		
	POUNDS	VALUE	AV. PRICE PEP POUND	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAWN:									
LARGE	1,636,584	$145,603	8.90¢	25,076,412	$1,909,667	7.62¢	28,321,877	$1,886,210	6.66¢
MARKET	1,069,325	81,457	7.62	23,189,857	1,704,113	7.35	20,618,755	1,371,608	6.65
SCROD	60,503	3,208	5.30	3,237,363	211,143	6.52	664,106	36,164	5.44
CUSK, DRAWN	71,960	2,289	3.18	1,945,087	98,601	5.07	1,113,154	52,432	4.71
FLOUNDERS, ROUND:									
GRAY SOLE	55,306	6,996	12.65	2,247,184	201,402	8.96	2,887,993	222,404	7.70
LEMON SOLE	118,580	16,727	14.11	5,252,625	804,895	15.32	5,700,126	728,299	12.78
YELLOWTAIL	2,319,232	245,870	10.60	31,427,142	2,925,927	9.31	27,064,721	2,290,388	8.46
BLACKBACK	1,425,255	138,050	9.68	13,737,942	1,595,796	11.62	13,626,379	1,277,504	9.38
DAB	62,625	6,422	10.25	2,128,871	159,174	7.48	2,634,228	176,415	6.70
FLUKE	332,235	65,320	19.66	2,368,127	489,189	20.66	1,463,765	252,600	17.26
HADDOCK, DRAWN:									
LARGE	2,248,506	206,489	9.18	73,545,894	7,118,819	9.68	93,429,199	7,925,685	8.48
SCROD	91,700	6,884	7.51	56,673,534	4,666,811	8.23	45,356,675	2,909,587	6.41
HADDOCK, ROUND, SCROD	-	-	-	1,000	120	12.00	12,900	569	4.41
HAKE:									
RED, ROUND	1,391	63	4.53	4,147,947	52,605	1.27	2,232,931	29,165	1.31
WHITE, DRESSED:									
LARGE	291,339	14,972	5.14	5,923,610	354,208	5.98	5,705,578	309,225	5.42
SMALL	69,355	925	1.33	1,420,211	55,800	3.93	1,177,814	37,480	3.18
HALIBUT, DRAWN	62,608	22,525	35.98	377,512	98,514	26.10	462,890	132,649	28.66
MACKEREL, ROUND	8,897,324	933,420	10.49	33,939,911	2,356,753	6.94	44,367,051	2,263,614	5.10
POLLOCK, DRAWN	456,399	19,373	4.24	27,526,735	1,153,718	4.19	14,041,486	596,018	4.24
POLLOCK, ROUND	-	-	-	198,640	4,290	2.16	215,289	7,239	3.36
ROSEFISH(O.PERCH),ROUND	516,775	17,592	3.40	189,051,024	7,935,217	4.20	106,597,115	4,700,379	4.41
SCUP OR PORGY, ROUND	633,563	16,633	2.62	1,507,314	43,370	2.88	283,358	11,814	4.17
SWORDFISH, DRESSED	117,224	56,656	48.33	627,133	311,388	49.65	1,171,306	582,720	49.75
WHITING, DRESSED	4,642,021	155,923	3.36	28,842,550	1,211,145	4.20	22,478,258	920,253	4.09
WHITING, ROUND	12,123,939	240,364	1.98	13,103,718	264,935	2.02	11,655,356	228,480	1.96
WOLFFISH, DRAWN	193,349	13,714	7.09	1,626,317	135,551	8.33	2,261,856	129,424	5.72
SCALLOPS (MEATS)	1,239,868	649,401	52.38	11,638,057	6,098,988	52.40	12,459,374	6,136,944	49.26
OTHER, AS LANDED	5,717,503	266,020	4.65	12,357,801	560,699	4.54	6,053,856	243,635	4.02
TOTAL, AS LANDED	44,454,469	3,332,896	7.50	573,119,518	42,522,838	7.42	474,057,396	35,458,904	7.48
TOTAL IN 1947, AS LANDED	34,565,686	2,432,170	7.04	-	-	-	474,057,396	35,458,904	7.48

NOTE:--THE WEIGHTS OF FRESH FISH GIVEN IN THESE STATISTICS REPRESENT THE FISH AS LANDED, AND THE VALUES ARE THOSE RECEIVED BY THE FISHERMEN. LARGE COD ARE CLASSIFIED AS THOSE WEIGHING OVER 10 POUNDS; MARKET COD, 2-1/2 TO 10 POUNDS; AND SCROD COD, 1 TO 2-1/2 POUNDS. LARGE HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS, AND SCROD HADDOCK, 1 TO 2-1/2 POUNDS. LARGE HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND SMALL HAKE, UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH LANDED: "ROUND", AS CAUGHT; "DRAWN", EVISCERATED; AND "DRESSED", EVISCERATED AND HEADED. IN ADDITION TO THE LANDINGS IN THE ABOVE TABLES, 1,740,077 POUNDS OF FISH LIVERS, VALUED AT $153,130 TO THE FISHERMEN, AND 149,243 POUNDS OF SPAWN, [illegible] LANDED AT THESE PORTS.

LANDINGS AT BOSTON, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	780,084	14.12¢	1,791,580	10.61¢	3,310,534	6.52¢	3,845,205	5.54¢	1,570,235	6.14¢
MARKET	561,565	11.57	778,225	11.48	1,497,165	7.71	1,931,075	6.53	2,960,280	6.08
SCROD.	76,450	7.92	71,635	9.50	49,760	6.37	25,815	5.18	54,405	5.34
CUSK, DRAWN. . .	21,725	9.33	45,303	8.72	54,915	6.18	74,935	5.14	62,866	5.15
FLOUNDERS, ROUND:										
GRAY SOLE. . .	83,355	17.77	38,785	18.66	109,610	13.97	92,080	12.08	93,715	9.69
LEMON SOLE . .	73,505	25.37	25,915	25.31	40,025	21.73	126,235	14.50	261,720	10.72
YELLOWTAIL . .	59,035	13.96	57,545	14.40	57,005	12.16	179,800	10.67	841,075	7.01
BLACKBACK. . .	78,205	21.16	73,900	19.50	95,660	15.83	80,245	12.02	99,515	9.50
DAB.	46,125	13.96	62,330	15.31	99,995	11.26	136,490	9.51	120,580	7.58
FLUKE.	-	-	-	-	-	-	-	-	-	-
HADDOCK, DRAWN:										
LARGE.	2,962,642	13.61	4,709,200	12.14	9,427,964	8.34	7,847,105	8.11	4,870,015	9.15
SCROD.	1,938,660	10.97	2,391,788	10.65	3,894,320	7.30	3,660,405	7.20	2,792,555	7.91
HADDOCK, ROUND, SCROD . . .	-	-	1,000	12.00	-	-	-	-	-	-
HAKE:										
RED, ROUND . .	780	13,59	250	10.00	-	-	-	-	5	-
WHITE, DRESSED:										
LARGE. . . .	193,450	13.95	101,315	15.58	99,082	13.39	33,833	8.36	51,965	7.06
SMALL. . . .	-	-	3,800	11,58	-	-	-	-	50	4.00
HALIBUT, DRAWN .	7,974	31.16	16,422	30.28	34,655	28.89	58,822	26.61	36,768	21.71
MACKEREL, ROUND.	895	13.63	2,150	13.91	3,810	16.12	900	10.00	192,425	7.12
POLLOCK, DRAWN .	2,125,955	5.77	1,981,325	5.15	2,202,890	3.89	1,426,770	4.28	851,090	4.52
POLLOCK. ROUND .	-	-	-	-	-	-	-	-	-	-
ROSEFISH (OCEAN PERCH), ROUND	1,379,805	6.19	872,107	5.79	920,950	4.33	365,425	3.60	1,129,679	3.48
SWORDFISH, DRESSED . .	-	-	-	-	-	-	-	-	-	-
WHITING, DRESSED.	1,885	6.31	1,300	9.77	1,315	13.46	51,890	8.90	1,663,612	4.45
WHITING, ROUND .	695	6.04	-	-	200	9.50	6,505	9.17	5,675	3.72
WOLFFISH, DRAWN.	50,525	14.42	92,682	12.92	117,574	11.12	308,198	7.53	332,063	7.79
SCALLOPS (MEATS).	10,943	68.85	21,868	65.39	10,109	66.97	23,858	57.23	35,056	47.33
OTHER, AS LANDED	1,040	5.19	1,490	5.17	2,130	4.65	3,780	4.15	2,375	6.78
TOTAL, AS LANDED. .	10,455,298	10.68	13,141,915	10.37	22,029,668	7.42	20,279,371	7.15	18,027,724	7.12
TOTAL IN 1947, AS LANDED . . .	12,398,140	9.26	12,335,180	8.80	20,652,147	7.62	18,563,335	6.84	18,086,836	5.97

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT BOSTON, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE	1,058,931	7.00¢	671,200	8.44¢	613,654	11.24¢	568,175	13.46¢	531,238	12.25¢
MARKET	2,093,270	5.97	1,342,613	6.70	1,196,760	8.28	1,246,130	9.39	1,339,361	8.68
SCROD	67,900	4.56	43,855	5.14	72,025	7.33	194,530	9.05	277,055	7.70
CUSK, DRAWN	50,630	4.49	69,225	4.34	140,955	5.46	195,830	6.40	109,750	6.78
FLOUNDERS, ROUND:										
GRAY SOLE	89,195	8.97	183,865	5.81	77,325	11.70	65,225	12.68	39,325	13.42
LEMON SOLE	384,795	9.59	229,700	13.32	156,900	16.91	161,740	16.97	153,740	16.39
YELLOWTAIL	775,225	5.11	465,720	5.17	173,775	6.79	152,110	8.32	50,875	8.40
BLACKBACK	143,285	8.09	80,830	10.34	155,875	12.23	145,715	12.03	284,910	10.60
DAB	111,340	6.16	86,610	6.49	131,290	9.10	96,120	9.22	71,335	7.94
FLUKE	-	-	-	-	-	-	100	19.00	-	-
HADDOCK, DRAWN:										
LARGE	6,045,600	8.66	4,525,835	8.87	4,246,050	10.50	3,960,555	11.57	3,501,795	11.86
SCROD	5,009,200	7.22	5,636,545	7.06	5,013,240	8.59	4,701,235	9.86	4,661,725	9.73
HADDOCK, ROUND, SCROD	-	-	-	-	-	-	-	-	-	-
HAKE:										
RED, ROUND	50	4.00	200	5.00	-	-	1,300	4.00	2,240	7.10
WHITE, DRESSED:										
LARGE	159,570	5.84	251,335	5.44	414,125	6.42	580,450	7.20	414,970	7.31
SMALL	440	4.09	290	3.10	385	3.12	940	4.04	1,140	3.86
HALIBUT, DRAWN	47,661	15.07	15,824	17.84	6,638	23.91	5,074	38.18	2,659	32.38
MACKEREL, ROUND	916,670	7.22	1,168,300	6.97	930,257	6.53	125,600	13.58	95,650	13.26
POLLOCK, DRAWN	583,635	4.47	508,905	4.88	631,860	5.52	649,879	6.15	664,575	6.22
POLLOCK, ROUND	540	4.44	350	5.43	-	-	-	-	-	-
ROSEFISH (OCEAN PERCH), ROUND	375,535	2.98	1,118,435	3.06	1,489,449	3.81	1,426,466	4.80	846,015	4.49
SWORDFISH, DRESSED	-	-	57,094	61.22	149,172	45.65	77,407	49.42	19,434	60.00
WHITING, DRESSED	2,966,896	4.00	2,238,137	4.00	1,773,540	4.15	1,409,599	5.18	897,125	5.18
WHITING, ROUND	28,880	2.23	-	-	250	4.00	600	4.83	1,900	3.05
WOLFFISH, DRAWN	151,379	9.21	50,210	10.16	20,770	11.66	5,847	13.60	6,883	12.55
SCALLOPS (MEATS)	26,694	47.44	59,272	52.44	17,824	57.28	24,470	55.08	11,759	54.00
OTHER, AS LANDED	15,461	5.14	17,457	5.41	31,088	5.83	147,388	2.61	88,147	2.67
TOTAL, AS LANDED	21,102,782	6.92	18,821,807	7.17	17,443,207	8.39	15,942,485	9.53	14,173,606	9.51
TOTAL IN 1947, AS LANDED	20,442,150	5.46	19,759,168	6.14	19,713,331	6.45	17,799,375	7.87	19,664,093	8.50

(CONTINUED ON NEXT PAGE)

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE	806,130	8.91¢	871,823	9.46¢	16,418,789	8.05¢	18,702,697	6.94¢
MARKET	1,057,115	6.70	832,380	7.59	16,835,939	7.47	15,337,888	6.70
SCROD	292,655	5.50	129,505	6.69	1,475,590	7.03	368,655	5.12
CUSK, DRAWN	130,170	4.47	120,625	5.97	1,076,929	5.80	572,478	5.83
FLOUNDERS, ROUND:								
GRAY SOLE	62,792	12.13	61,315	13.50	996,587	11.52	1,857,162	8.94
LEMON SOLE	332,990	11.97	109,050	16.86	2,056,315	13.87	2,676,320	11.51
YELLOWTAIL	271,015	4.56	175,310	6.38	3,258,490	6.68	3,238,353	6.31
BLACKBACK	376,370	7.55	97,485	11.11	1,711,995	11.17	2,258,065	10.60
DAB	86,685	4.77	80,575	7.58	1,129,475	8.73	1,551,070	7.60
FLUKE	-	-	-	-	100	19.00	-	-
HADDOCK, DRAWN:								
LARGE	3,550,738	11.04	2,482,075	12.73	58,129,574	9.96	70,247,206	8.73
SCROD	4,841,850	8.18	2,636,360	9.03	47,177,883	8.43	37,218,225	6.49
HADDOCK, ROUND, SCROD	-	-	-	-	1,000	12.00	-	-
HAKE:								
RED, ROUND	1,700	4.59	-	-	6,525	6.62	19,075	7.26
WHITE, DRESSED:								
LARGE	757,715	4.64	388,755	6.72	3,446,565	7.12	3,503,869	6.33
SMALL	1,400	2.93	500	2.40	8,945	6.89	12,685	2.51
HALIBUT, DRAWN	9,296	24.92	6,433	28.54	248,226	23.98	334,733	28.76
MACKEREL, ROUND	29,590	10.56	6,740	11.14	3,472,987	7.39	13,320,619	5.88
POLLOCK, DRAWN	3,161,750	3.62	2,894,535	3.54	17,683,169	4.49	8,030,031	4.59
POLLOCK, ROUND	-	-	-	-	890	4.83	999	2.40
ROSEFISH (OCEAN PERCH), ROUND	758,430	3.93	700,975	4.42	11,383,271	4.32	10,526,406	4.54
SWORDFISH, DRESSED	-	-	-	-	303,107	50.46	732,155	50.26
WHITING, DRESSED	271,267	5.37	96,555	5.22	11,373,121	4.40	10,209,687	4.25
WHITING, ROUND	9,000	1.56	950	2.74	54,655	3.25	21,055	4.14
WOLFFISH, DRAWN	18,280	11.66	14,575	12.08	1,168,986	9.27	1,535,228	6.59
SCALLOPS (MEATS)	-	-	8,399	45.51	250,252	54.53	290,633	51.04
OTHER, AS LANDED	13,975	8.08	6,667	7.77	1/ 330,998	3.61	98,109	9.02
TOTAL, AS LANDED	16,840,913	7.41	11,721,587	8.05	199,980,363	8.09	202,663,403	7.39
TOTAL IN 1947, AS LANDED	10,044,454	10.00	13,205,194	8.61	-	-	202,663,403	7.39

1/ THE ITEMS UNDER "OTHER AS LANDED" INCLUDE ANGLERFISH, 2,015 POUNDS, VALUED AT $88; BUTTERFISH, 11,658 POUNDS, VALUED AT $2,150; COMMON EELS, 85 POUNDS, VALUED AT $3; CONGER EELS, 2,150 POUNDS, VALUED AT $75; SEA HERRING, 206,405 POUNDS, VALUED AT $3,844; RAJAFISH, 41,605 POUNDS, VALUED AT $1,555; SHAD, 445 POUNDS, VALUED AT $29; SHARKS, 25,204 POUNDS, VALUED AT $1,454; SMELT, 1,000 POUNDS, VALUED AT $15; STURGEON, 1,693 POUNDS, VALUED AT $210; TUNA, 6,358 POUNDS, VALUED AT $616; MIXED FISH, 27,770 POUNDS, VALUED AT $1,546; PERIWINKLES, 300 POUNDS, VALUED AT $21; AND SQUID, 4,310 POUNDS, VALUED AT $343.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 250,393 POUNDS, VALUED AT $30,147, AND SPAWN 1,087 POUNDS, VALUED AT $268.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT GLOUCESTER, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	72,600	11.02¢	163,000	9.62¢	513,484	6.14¢	883,607	5.12¢	1,197,392	5.42¢
MARKET	62,265	10.46	99,575	9.11	231,195	6.04	300,900	4.91	237,120	5.00
SCROD.	13,080	6.41	15,135	6.52	6,105	4.59	5,080	3.78	2,870	3.20
CUSK, DRAWN.	18,330	7.08	44,510	6.35	81,110	4.94	95,990	4.28	53,612	3.92
FLOUNDERS, ROUND:										
GRAY SOLE.	28,870	10.40	63,505	9.91	91,064	7.42	137,920	6.48	152,642	5.96
LEMON SOLE	-	-	-	-	-	-	-	-	-	-
YELLOWTAIL	70,136	12.16	47,320	13.08	38,225	10.75	106,005	9.33	68,680	7.04
BLACKBACK.	20,170	15.16	12,325	14.90	25,485	13.19	28,510	8.74	7,125	7.00
DAB.	12,455	8.99	24,670	9.38	65,370	8.43	115,940	6.40	97,307	5.46
HADDOCK, DRAWN:										
LARGE.	197,185	10.97	335,710	9.25	1,636,972	7.13	879,230	6.80	406,988	7.42
SCROD.	166,165	8.41	364,366	7.01	721,880	5.97	541,625	5.70	211,370	5.91
HAKE:										
RED, ROUND	-	-	3,965	19.92	-	-	-	-	-	-
WHITE, DRESSED:										
LARGE.	66,680	8.42	94,900	6.16	85,470	5.60	62,875	4.72	61,735	3.57
SMALL.	45,255	8.04	70,500	7.33	125,855	5.10	105,160	4.42	90,460	3.01
HALIBUT, DRAWN	100	43.00	863	23.87	7,706	25.59	4,403	24.80	3,998	24.61
MACKEREL, ROUND.	20	20.00	-	-	-	-	-	-	76,315	6.42
POLLOCK, DRAWN	318,862	5.14	404,690	4.51	491,289	3.32	408,353	3.28	310,621	3.07
POLLOCK, ROUND	70,250	3.90	4,855	2.29	-	-	1,600	1.00	23,875	1.00
ROSEFISH(OCEAN PERCH),ROUND.	3,615,336	6.48	7,823,449	5.74	12,191,140	4.51	13,959,037	3.79	26,083,248	3.75
SWORDFISH, DRESSED	-	-	-	-	-	-	-	-	-	-
WHITING, DRESSED	7,447	6.34	2,020	4.80	3,100	5.03	27,207	5.28	541,380	4.31
WHITING, ROUND	5,650	4.71	4,560	4.17	1,000	4.00	3,580	4.24	37,815	2.56
WOLFFISH, DRAWN.	4,355	7.37	12,320	6.79	27,086	7.16	39,385	4.92	26,889	5.04
SCALLOPS (MEATS)	5,481	70.55	-	-	-	-	-	-	18,036	47.49
OTHER, AS LANDED	52,280	6.46	109,425	5.40	142,665	4.36	208,778	2.92	317,450	3.67
TOTAL, AS LANDED. . . .	4,852,972	6.98	9,701,663	6.05	16,486,203	4.95	17,915,185	4.30	30,026,928	3.95
TOTAL IN 1947, AS LANDED.	1,315,274	6.96	2,422,855	6.62	5,479,441	5.58	7,792,462	5.12	10,864,217	4.29

(CONTINUED ON NEXT PAGE)

LANDINGS AT GLOUCESTER, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	801,081	5.82¢	489,259	5.26¢	342,257	5.62¢	243,160	7.23¢	328,952	7.66¢
MARKET	308,705	5.28	176,942	4.84	108,153	4.86	88,773	6.28	171,685	6.67
SCROD.	335	3.28	805	4.22	1,625	3.75	950	4.42	12,260	5.07
CUSK, DRAWN.	20,952	3.63	89,818	3.58	111,656	3.81	98,913	3.90	86,549	4.23
FLOUNDERS, ROUND:										
GRAY SOLE.	87,210	6.01	84,138	5.05	87,598	5.26	78,151	6.34	87,511	6.63
LEMON SOLE	5,010	7.68	130	6.92	-	-	-	-	390	13.08
YELLOWTAIL	168,112	5.36	35,895	4.66	7,705	8.05	2,135	7.02	9,945	7.46
BLACKBACK.	2,930	6.11	5,135	7.22	4,148	7.93	50	8.00	2,765	9.40
DAB.	88,701	4.57	66,740	4.03	79,707	4.55	55,572	4.88	95,735	5.11
HADDOCK, DRAWN:										
LARGE.	435,743	7.72	1,279,490	6.93	693,577	7.17	644,497	8.35	409,152	8.94
SCROD.	319,240	7.02	566,872	5.73	155,787	4.99	201,978	7.01	139,780	7.25
HAKE:										
RED, ROUND	-	-	-	-	2,885	2.08	39,246	2.02	7,800	2.00
WHITE, DRESSED:										
LARGE.	69,600	3.42	188,275	3.33	176,912	3.86	187,166	4.56	420,158	4.76
SMALL.	62,730	3.16	106,633	3.01	138,961	3.28	123,750	3.72	128,530	4.00
HALIBUT, DRAWN	2,502	19.62	2,687	23.52	3,434	24.08	1,424	24.86	1,559	23.22
MACKEREL, ROUND.	7,154,115	5.72	7,086,932	4.70	4,874,721	4.62	424,795	8.49	258,122	10.87
POLLOCK, DRAWN	890,979	3.35	745,852	3.33	439,208	3.65	490,254	4.28	632,156	4.69
POLLOCK, ROUND	80,875	1.04	9,685	1.59	1,045	2.01	-	-	-	-
ROSEFISH (O. PERCH), ROUND . .	13,570,885	3.10	17,292,806	3.35	23,322,696	3.98	18,304,040	5.03	18,292,834	4.70
SWORDFISH.	-	-	9,471	54.88	2,392	48.04	30,378	50.44	-	-
WHITING, DRESSED	3,346,135	3.97	2,897,063	4.00	2,397,345	3.99	1,730,632	4.89	942,158	5.41
WHITING, ROUND	167,422	1.94	167,428	1.75	18,145	1.65	5,825	2.02	263,297	3.00
WOLFFISH, DRAWN.	23,548	4.97	19,270	4.20	2,497	4.80	1,407	4.76	8,403	5.00
SCALLOPS (MEATS)	17,208	45.99	18,180	51.54	-	-	7,227	52.68	-	-
OTHER, AS LANDED	414,414	3.71	366,778	3.76	689,290	3.74	2,037,630	3.01	609,986	3.47
TOTAL, AS LANDED.	28,038,433	4.16	31,706,284	3.98	33,661,744	4.16	24,797,953	5.08	22,909,727	4.90
TOTAL IN 1947, AS LANDED.	15,482,531	3.52	15,608,029	3.61	28,607,058	3.71	24,238,363	4.36	27,238,588	5.53

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT GLOUCESTER, 1948 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE	326,062	6.33¢	167,565	6.43¢	5,528,409	5.99¢	6,185,158	5.27¢
MARKET	190,245	5.25	114,995	5.63	2,090,553	5.73	2,026,918	5.18
SCROD	12,535	3.49	7,185	4.36	77,965	5.02	63,831	4.31
CUSK, DRAWN	58,615	3.97	33,513	3.98	793,568	4.25	487,274	3.62
FLOUNDERS, ROUND:								
GRAY SOLE	107,827	5.76	96,980	5.94	1,103,416	6.43	784,128	4.77
LEMON SOLE	1,100	7.54	-	-	6,630	7.96	60,309	9.06
YELLOWTAIL	24,155	5.85	57,010	7.67	635,323	8.11	440,900	6.12
BLACKBACK	11,255	5.54	26,220	7.69	146,118	10.29	159,623	8.01
DAB	93,659	4.57	50,200	4.90	846,056	5.48	669,678	4.75
HADDOCK, DRAWN:								
LARGE	389,129	8.39	229,355	9.99	7,537,028	7.66	10,033,638	7.18
SCROD	168,028	6.21	67,595	7.15	3,624,686	6.30	2,658,477	6.05
HAKE:								
RED, ROUND	7,415	2.01	14,785	2.95	76,096	2.20	2,890	3.39
WHITE, DRESSED:								
LARGE	359,715	3.56	141,180	3.60	1,914,666	4.35	1,371,556	4.13
SMALL	235,262	3.55	99,005	3.42	1,332,101	4.04	1,149,868	3.19
HALIBUT, DRAWN	3,461	26.06	120	39.17	32,257	24.53	34,692	23.80
MACKEREL, ROUND	10,905	10.54	275	14.91	19,886,200	5.22	24,010,896	4.67
POLLOCK, DRAWN	2,564,245	3.46	1,316,218	3.17	9,012,727	3.61	5,354,644	3.70
POLLOCK, ROUND	-	-	-	-	192,185	2.14	214,290	3.37
ROSEFISH (OCEAN PERCH), ROUND	14,181,374	4.14	8,164,030	4.25	176,800,876	4.19	95,357,053	4.40
SWORDFISH, DRESSED	-	-	-	-	42,241	51.30	101,227	46.00
WHITING, DRESSED	681,620	5.34	250,501	5.29	12,826,608	4.33	8,609,183	4.21
WHITING, ROUND	73,551	3.01	118,090	3.01	866,363	2.52	516,487	1.84
WOLFFISH, DRAWN	10,360	4.38	2,345	6.27	177,867	5.39	456,081	3.92
SCALLOPS (MEATS)	-	-	-	-	66,132	50.69	38,714	60.65
OTHER, AS LANDED	393,075	3.73	155,312	3.46	1/5,497,083	3.52	2,925,605	3.46
TOTAL, AS LANDED	19,903,593	4.23	11,112,479	4.33	251,113,164	4.47	163,713,120	4.66
TOTAL IN 1947, AS LANDED	12,938,509	6.13	11,725,793	5.86	-	-	163,713,120	4.66

1/ THE ITEMS UNDER "OTHER, AS LANDED" INCLUDE ALEWIVES, 112,000 POUNDS, VALUED AT $1,680; BUTTERFISH, 8,724 POUNDS, VALUED AT $1,101; SEA HERRING, 2,106,171 POUNDS, VALUED AT $55,487; MENHADEN, 10,300 POUNDS, VALUED AT $93; SALMON, 81 POUNDS, VALUED AT $23; SHAD, 12,545 POUNDS, VALUED AT $336; SHARKS, 27,498 POUNDS, VALUED AT $1,171; SMELT, 65 POUNDS, VALUED AT $16; STRIPED BASS, 2,598 POUNDS, VALUED AT $404; STURGEON, 360 POUNDS, VALUED AT $57; TAUTOG, 85 POUNDS, VALUED AT $3; TUNA, 201,902 POUNDS, VALUED AT $13,871; MIXED FISH, 3,011,897 POUNDS, VALUED AT $119,205; AND SQUID, 2,857 POUNDS, VALUED AT $104.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 1,223,238 POUNDS, VALUED AT $99,439, AND SPAWN, 101,509 POUNDS, VALUED AT $7,206.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT NEW BEDFORD, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	57,435	14.02¢	333,705	10.29¢	492,305	6.68¢	374,960	5.34¢	59,975	5.91¢
MARKET	130,715	13.97	80,195	11.97	158,445	7.95	444,470	6.37	204,100	7.28
SCROD.	38,395	10.65	15,575	7.29	178,710	4.91	333,570	5.44	142,545	5.63
CUSK, DRAWN.	250	4.00	280	4.64	985	2.64	50	2.00		
FLOUNDERS, ROUND:										
GRAY SOLE.	1,340	11.27	29,400	13.79	2,705	5.73	11,345	9.18	11,455	11.16
LEMON SOLE	167,855	26.62	86,370	26.93	60,680	19.36	207,335	15.45	400,195	11.88
YELLOWTAIL	1,765,233	16.19	722,900	19.65	1,208,245	15.54	865,900	12.92	665,515	10.40
BLACKBACK.	112,560	22.56	45,535	21.79	267,790	15.81	1,202,745	12.57	2,230,070	10.39
DAB.	1,540	12.08	8,455	13.27	14,430	10.09	13,455	8.61	19,340	7.68
FLUKE.	12,155	24.61	290,685	20.31	386,195	17.79	218,965	19.82	83,935	16.24
HADDOCK, DRAWN:										
LARGE.	439,230	13.75	420,140	13.78	533,735	8.95	670,335	7.69	830,280	8.33
SCROD.	241,410	11.50	277,790	12.57	266,350	7.52	525,010	6.47	551,175	7.04
HAKE:										
RED, ROUND	50	6.00	2,085	7.43	630	6.98	397,967	1.06	629,615	1.01
WHITE, DRESSED:										
LARGE.	5,030	6.14	11,080	9.91	8,460	9.67	22,580	5.12	37,400	4.67
SMALL.	-	-	-	-	-	-	-	-	1,955	4.35
HALIBUT, DRAWN	941	28.27	1,760	28.52	2,197	25.03	16,760	28.76	5,079	20.22
MACKEREL, ROUND.	140	13.57	200	15.00	107,805	16.30	1,690	14.67	1,020,410	7.36
POLLOCK, DRAWN	21,155	5.63	38,535	6.52	78,215	3.85	155,465	3.56	57,095	3.28
POLLOCK, ROUND	-	-	-	-	-	-	-	-	4,875	2.24
ROSEFISH(O.PERCH),ROUND. . .	30,614	5.22	400	3.00	5,180	2.51	-	-	-	-
SCUP OR PORGY, ROUND	1,480	15.00	-	-	-	-	-	-	1,955	2.05
SWORDFISH, DRESSED	-	-	-	-	-	-	-	-	-	-
WHITING, DRESSED	-	-	-	-	-	-	325	0.92	-	-
WHITING, ROUND	-	-	-	-	-	-	-	-	-	-
WOLFFISH, DRAWN.	220	4.09	2,495	5.17	7,685	5.10	34,105	5.18	28,625	4.08
SCALLOPS (MEATS)	210,209	69.99	413,722	65.07	496,114	63.69	848,230	56.03	966,252	46.23
OTHER, AS LANDED	11,025	19.70	135,145	10.50	348,090	13.42	88,500	9.18	46,230	6.41
TOTAL, AS LANDED. . . .	3,248,982	19.41	2,916,452	22.81	4,624,951	17.72	6,433,762	15.43	7,998,076	12.96
TOTAL IN 1947, AS LANDED.	3,293,994	14.23	358,195	15.30	4,735,856	15.06	5,696,782	14.37	8,965,619	10.97

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT NEW BEDFORD, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	20,345	5.76¢	32,540	6.49¢	6,775	9.74¢	3,540	8.93¢	37,255	8.05¢
MARKET	138,665	6.99	347,425	6.53	168,180	9.39	266,407	9.68	650,788	7.55
SCROD.	100,960	5.75	264,975	5.29	134,105	7.69	129,210	8.83	146,900	7.31
CUSK, DRAWN.	-	-	55	1.82	-	-	835	5.99	-	-
FLOUNDERS, ROUND:										
GRAY SOLE.	10,010	8.11	7,815	4.22	4,815	5.94	4,045	4.80	4,045	4.57
LEMON SOLE	336,695	11.18	280,255	14.46	329,480	17.66	281,970	18.94	256,735	17.34
YELLOWTAIL	1,770,370	6.85	3,087,985	7.35	3,668,016	8.76	3,534,633	9.50	3,687,655	7.35
BLACKBACK.	1,870,460	9.40	1,235,369	11.01	920,980	14.88	714,535	15.24	678,325	12.47
DAB.	15,525	5.76	2,610	3.49	8,080	13.00	-	-	410	4.63
FLUKE.	111,875	19.22	158,330	22.81	373,107	23.83	235,743	24.36	109,387	18.91
HADDOCK, DRAWN:										
LARGE.	753,995	7.98	560,745	8.34	168,515	11.09	145,675	11.75	341,005	11.68
SCROD.	834,730	6.71	874,115	6.61	319,265	8.26	303,460	9.72	545,975	9.38
HADDOCK, ROUND, SCROD. . .	-	-	-	-	-	-	-	-	-	-
HAKE:										
RED, ROUND	111,150	1.06	95,985	1.02	308,000	1.00	917,094	1.31	727,920	1.38
WHITE, DRESSED:										
LARGE.	28,630	3.54	15,285	3.14	3,970	4.10	1,830	4.86	7,705	4.68
SMALL.	5,160	4.11	1,055	3.03	60	6.67	350	4.28	-	-
HALIBUT, DRAWN	3,386	17.42	2,733	18.04	159	20.12	-	-	-	-
MACKEREL, ROUND.	286,465	6.95	230,700	4.60	8,780	5.81	50	8.00	25,230	14.95
POLLOCK, DRAWN	2,655	2.79	7,020	2.93	790	3.04	425	2.59	4,160	3.46
POLLOCK, ROUND	315	1.90	125	.80	250	3.20	-	-	-	-
ROSEFISH(O.PERCH),ROUND. .	-	-	6,100	2.43	-	-	-	-	305,968	4.02
SCUP OR PORGY, ROUND . . .	617,335	2.59	127,925	2.95	50,291	6.05	73,430	4.86	1,060	6.32
SWORDFISH, DRESSED	-	-	21,223	63.24	77,989	44.80	60,231	48.18	5,118	53.07
WHITING, DRESSED	-	-	-	-	-	-	-	-	475	2.95
WHITING, ROUND	58,761	1.56	-	-	-	-	-	-	-	-
WOLFFISH, DRAWN.	6,485	2.78	5,630	2.87	740	3.51	110	2.72	20	-
SCALLOPS (MEATS)	1,234,035	46.33	1,462,735	51.01	1,278,420	56.14	1,227,297	53.58	906,582	52.50
OTHER, AS LANDED	40,102	5.50	25,173	7.47	13,374	7.04	15,668	6.16	17,335	5.24
TOTAL, AS LANDED. . .	8,358,109	13.22	8,853,908	15.38	7,844,141	18.35	7,916,538	16.96	8,460,053	12.78
TOTAL IN 1947, AS LANDED.	7,941,355	11.04	7,779,988	13.24	6,281,454	15.84	8,123,812	13.98	9,085,168	17.23

(CONTINUED ON NEXT PAGE)

LANDINGS AT NEW BEDFORD, 1948 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE	35,735	6.43¢	38,050	8.43¢	1,492,620	7.48¢	1,485,630	6.58¢
MARKET	325,110	5.60	279,540	7.43	3,194,040	7.69	2,216,323	7.59
SCROD	97,035	5.26	61,325	6.75	1,643,305	6.19	211,905	6.38
CUSK, DRAWN	-	-	175	2.29	2,630	3.99	985	2.03
FLOUNDERS, ROUND:								
GRAY SOLE	2,320	3.53	2,580	6.24	91,875	9.50	65,020	4.68
LEMON SOLE	400,555	13.87	262,975	20.28	3,071,100	16.36	2,706,101	14.04
YELLOWTAIL	2,628,355	6.51	1,609,290	10.37	25,214,097	9.56	20,821,626	8.92
BLACKBACK	700,140	11.17	476,065	14.97	10,454,574	11.97	9,648,641	9.33
DAB	4,260	5.33	2,610	4.41	90,715	8.60	133,391	6.56
FLUKE	30,565	21.28	24,850	19.79	2,035,792	20.82	1,123,818	17.68
HADDOCK, DRAWN:								
LARGE	455,840	9.21	311,291	11.64	5,630,786	9.72	10,285,657	8.20
SCROD	717,465	6.80	322,520	8.72	5,779,265	7.84	5,091,320	6.12
HADDOCK, ROUND, SCROD	-	-	-	-	-	-	12,420	4.37
HAKE:								
RED, ROUND	737,112	1.41	136,327	1.41	4,063,935	1.24	2,205,836	1.25
WHITE, DRESSED:								
LARGE	114,175	2.24	14,895	3.65	271,040	3.81	311,765	3.00
SMALL	1,230	5.61	-	-	9,810	4.25	2,660	2.33
HALIBUT, DRAWN	-	-	1,406	19.13	34,421	24.84	32,352	24.11
MACKEREL, ROUND	1,895	4.96	35	8.57	1,683,400	7.60	4,455,658	4.46
POLLOCK, DRAWN	5,955	2.62	2,970	4.48	374,440	3.97	122,920	3.80
POLLOCK, ROUND	-	-	-	-	5,565	2.23	-	-
ROSEFISH (OCEAN PERCH), ROUND	-	-	1,840	2.99	350,102	4.07	497,596	2.91
SCUP OR PORGY, ROUND	-	-	275	7.64	873,751	3.06	99,825	5.91
SWORDFISH, DRESSED	-	-	-	-	164,561	48.68	164,989	49.25
WHITING, DRESSED	-	-	-	-	800	2.12	73,768	3.13
WHITING, ROUND	-	-	-	-	58,761	1.56	281,802	1.74
WOLFFISH, DRAWN	-	-	-	-	86,115	4.45	47,950	2.70
SCALLOPS (MEATS)	456,619	44.69	581,590	43.36	10,081,805	52.37	10,675,106	49.10
OTHER, AS LANDED	11,480	7.98	60,095	11.97	1/ 812,217	10.98	340,123	7.47
TOTAL, AS LANDED	6,725,846	9.61	4,190,704	15.53	77,571,522	15.18	73,115,187	14.25
TOTAL IN 1947, AS LANDED	5,769,042	15.39	5,083,922	17.46	-	-	73,115,187	14.25

1/ THE ITEMS UNDER "OTHER, AS LANDED" INCLUDE ANGLERFISH, 30 POUNDS, VALUED AT $2; BUTTERFISH, 487,311 POUNDS, VALUED AT $67,132; CONGER EELS, 7,130 POUNDS, VALUED AT $400; OCEAN POUT, 4,375 POUNDS, VALUED AT $131; RAJAFISH, 1,055 POUNDS, VALUED AT $105; SEA BASS, 15,545 POUNDS, VALUED AT $1,138; SEA TROUT OR WEAKFISH, 75 POUNDS, VALUED AT $5; SHARKS, 835 POUNDS, VALUED AT $45; STURGEON, 3,593 POUNDS, VALUED AT $370; TAUTOG, 4,980 POUNDS, VALUED AT $194; TILEFISH, 226,805 POUNDS, VALUED AT $17,003; MIXED FISH, 16,900 POUNDS, VALUED AT $739; LOBSTERS, 403 POUNDS, VALUED AT $58; AND SQUID, 43,180 POUNDS, VALUED AT $1,857.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 257,514 POUNDS, VALUED AT $22,431, AND SPAWN, 32,910 POUNDS, VALUED AT $2,362.

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT CAPE COD PORTS, 1948 1/

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	136,178	13.33¢	113,577	11.29¢	132,050	10.21¢	239,299	6.00¢	125,531	5.52¢
MARKET	135,740	12.85	106,667	10.41	99,220	8.57	88,809	5.21	59,634	5.42
SCROD.	4,962	8.42	5,899	8.05	12,080	4.33	17,090	4.10	5,902	4.44
CUSK, DRAWN.	325	7.38	489	7.36	483	8.28	516	2.52	4,719	2.48
FLOUNDERS, ROUND:										
GRAY SOLE.	1,025	19.32	12,250	17.27	1,509	13.98	6,775	12.58	2,660	11.20
LEMON SOLE	2,695	23.93	12,753	23.15	924	18.18	8,024	13.58	5,772	9.41
YELLOWTAIL	205,246	14.60	376,707	16.32	247,586	14.21	187,834	12.81	54,885	8.59
BLACKBACK.	24,295	20.03	11,240	20.42	46,320	16.62	275,781	10.97	295,280	8.68
DAB.	1,776	13.18	25,590	13.34	3,354	10.85	3,430	9.04	1,511	6.68
FLUKE.	9	2.22	53,620	20.27	56,730	16.66	31,388	18.13	9,314	15.45
HADDOCK, DRAWN:										
LARGE.	72,731	13.30	32,094	12.47	158,189	9.49	153,792	7.51	47,124	8.98
SCROD.	1,540	10.58	4,850	11.61	16,015	6.04	11,215	5.80	5,085	7.69
HAKE:										
RED, ROUND	-	-	-	-	5	-	440	5.00	200	3.50
WHITE, DRESSED:										
LARGE.	2,684	9.50	1,553	9.01	1,895	8.60	9,480	6.26	5,458	4.43
SMALL.	-	-	-	-	160	10.00	-	-	-	-
HALIBUT, DRAWN	158	44.94	1,322	44.93	11,207	42.26	19,794	35.63	13,797	32.67
MACKEREL, ROUND.	275	18.18	-	-	550	13.09	385	14.02	57,577	11.52
POLLOCK, DRAWN	11,312	5.65	5,271	5.12	7,755	4.40	35,486	3.36	154,837	4.78
ROSEFISH(O.PERCH),ROUND.	1,565	5.81	1,440	5.00	8,690	4.04	580	4.48	-	-
SCUP OR PORGY, ROUND . .	-	-	-	-	-	-	-	-	81,143	2.27
SWORDFISH, DRESSED . . .	-	-	-	-	-	-	-	-	-	-
WHITING, DRESSED	-	-	-	-	-	-	1,400	3.07	479,300	3.51
WHITING, ROUND	-	-	105	1.90	550	2.00	377,640	2.00	1,207,995	2.00
WOLFFISH, DRAWN.	4,992	11.36	10,838	10.20	50,688	8.70	69,521	5.69	28,680	6.42
SCALLOPS (MEATS)	32,386	68.34	51,877	65.49	60,965	61.82	77,931	58.33	155,573	46.95
OTHER, AS LANDED	28,205	3.91	49,486	5.79	46,320	4.95	370,255	3.29	1,098,311	3.31
TOTAL, AS LANDED. .	668,099	15.97	877,628	17.22	963,245	14.71	1,986,865	8.73	3,900,288	5.66
TOTAL IN 1947, AS LANDED.	961,700	9.14	857,959	20.88	1,138,123	11.82	1,587,607	11.70	2,613,206	6.95

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT CAPE COD PORTS, 1948 - Continued

SPECIES	JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:										
LARGE.	217,258	6.49¢	145,435	7.45¢	138,488	10.02¢	103,297	11.74¢	61,878	11.67¢
MARKET	55,271	5.42	77,009	4.94	73,595	6.10	80,160	7.28	80,324	6.77
SCROD.	1,505	4.58	2,915	6.07	1,555	7.33	965	8.08	2,215	6.59
CUSK, DRAWN.	17,224	2.65	3,861	2.43	6,312	5.28	17,162	3.75	7,736	3.52
FLOUNDERS, ROUND:										
GRAY SOLE.	7,885	7.18	5,810	7.80	10,542	14.79	2,815	8.95	2,255	14.54
LEMON SOLE	1,691	9.17	9,027	17.04	280	17.86	22,885	13.26	22,198	13.98
YELLOWTAIL	63,601	6.16	97,503	6.58	97,726	7.24	378,526	8.00	289,616	6.57
BLACKBACK.	151,867	6.95	69,935	8.21	79,670	9.64	97,394	11.28	106,445	9.20
DAB.	6,088	4.78	2,277	6.28	2,095	11.36	3,708	8.98	10,451	8.12
FLUKE.	35,922	17.79	55,581	23.28	41,184	20.48	31,928	21.71	10,367	18.88
HADDOCK, DRAWN:										
LARGE.	213,320	7.93	352,255	7.44	532,484	8.31	303,337	10.44	267,843	11.17
SCROD.	10,775	6.22	15,720	6.91	1,830	7.92	2,615	9.22	17,790	9.21
HAKE:										
RED, ROUND	260	2.31	76	3.95	255	5.88	70	8.57	85	4.70
WHITE, DRESSED:										
LARGE.	46,289	4.36	21,684	3.70	58,217	3.43	27,555	6.65	74,652	6.62
SMALL.	1,630	3.01	265	3.02	-	-	65,240	1.18	184	3.80
HALIBUT, DRAWN	1,900	25.37	3,639	29.73	2,098	32.12	4,090	36.33	3,650	40.03
MACKEREL, ROUND.	2,442,358	11.17	3,649,355	9.93	2,084,444	9.97	374,988	11.91	147,208	14.27
POLLOCK, DRAWN	40,334	3.73	27,558	4.00	17,156	5.23	14,919	5.42	11,858	5.79
ROSEFISH(O.PERCH),ROUND. .	492,400	3.37	-	-	3,625	3.26	-	-	4,935	4.07
SCUP OR PORGY, ROUND . . .	404,596	2.26	111,870	2.90	10,693	4.66	11,681	6.56	12,568	8.27
SWORDFISH, DRESSED	-	-	23,796	60.48	48,912	44.51	41,425	45.69	3,091	50.53
WHITING, DRESSED	1,956,220	3.38	1,074,020	3.33	736,500	3.27	384,381	3.35	9,440	3.22
WHITING, ROUND	3,492,445	2.00	2,400,633	1.90	1,490,011	1.94	1,319,340	1.96	1,354,861	2.00
WOLFFISH, DRAWN.	14,929	5.99	4,451	5.82	2,041	7.99	3,788	7.23	1,795	7.41
SCALLOPS (MEATS)	202,079	46.29	202,315	51.38	131,410	56.58	83,062	53.82	85,421	58.15
OTHER, AS LANDED	784,276	5.02	388,886	7.94	690,500	7.83	1,389,757	3.70	380,963	4.95
TOTAL, AS LANDED. . .	10,662,123	5.90	8,746,846	7.65	6,261,623	8.04	4,765,088	6.44	2,969,829	6.96
TOTAL IN 1947, AS LANDED.	7,214,899	4.40	5,497,771	5.36	4,564,252	6.32	3,215,064	7.26	3,693,423	7.37

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

LANDINGS AT CAPE COD PORTS, 1948 - Continued

SPECIES	NOVEMBER		DECEMBER		TOTAL, 1948		TOTAL, 1947	
	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND	POUNDS	AV. PRICE PER POUND
COD, DRAWN:								
LARGE	96,905	8.90¢	126,688	10.31¢	1,636,584	8.90¢	1,948,392	8.40¢
MARKET	85,872	5.46	127,024	7.31	1,069,325	7.62	1,037,626	6.82
SCROD	1,975	4.66	3,440	4.45	60,503	5.30	19,715	5.13
CUSK, DRAWN	11,798	1.99	1,335	1.80	71,960	3.18	52,417	2.63
FLOUNDERS, ROUND:								
GRAY SOLE	1,510	8.81	270	11.11	55,306	12.65	181,683	8.81
LEMON SOLE	23,177	9.99	9,154	12.36	118,580	14.11	257,396	13.50
YELLOWTAIL	182,034	6.23	137,968	8.99	2,319,232	10.60	2,563,842	7.88
BLACKBACK	184,825	7.41	82,203	10.74	1,425,255	9.68	1,560,050	8.04
DAB	1,611	4.96	734	8.86	62,625	10.25	280,089	6.38
FLUKE	3,702	22.07	2,490	15.86	332,235	19.66	339,947	15.84
HADDOCK, DRAWN:								
LARGE	58,355	10.54	57,012	12.16	2,248,506	9.18	2,862,698	8.01
SCROD	3,180	7.92	1,085	10.88	91,700	7.51	388,653	5.79
HADDOCK, ROUND, SCROD	-	-	-	-	-	-	480	5.42
HAKE:								
RED, ROUND	-	-	-	-	1,391	4.53	5,130	2.55
WHITE, DRESSED:								
LARGE	30,580	4.72	11,292	5.62	291,339	5.14	518,388	4.14
SMALL	1,572	3.69	304	5.59	69,355	1.33	12,601	3.18
HALIBUT, DRAWN	590	39.32	363	40.77	62,608	35.98	12,601	33.25
MACKEREL, ROUND	140,122	12.67	62	12.90	8,897,324	10.49	2,579,878	6.20
POLLOCK, DRAWN	68,227	3.38	61,686	3.43	456,399	4.24	533,891	4.56
ROSEFISH(OCEAN PERCH),ROUND	2,745	3.72	795	5.16	516,775	3.40	216,060	3.68
SCUP OR PORGY, ROUND	5	-	7	14.29	633,563	2.62	183,533	3.22
SWORDFISH, DRESSED	-	-	-	-	117,224	48.33	172,935	50.27
WHITING, DRESSED	60	3.33	700	3.00	4,642,021	3.36	3,585,620	3.40
WHITING, ROUND	311,114	2.32	169,245	2.50	12,123,939	1.98	10,836,012	1.97
WOLFFISH, DRAWN	829	6.03	797	7.53	193,349	7.09	222,597	4.06
SCALLOPS (MEATS)	80,508	45.34	76,341	43.50	1,239,868	52.38	1,454,921	49.07
OTHER, AS LANDED	443,593	3.23	46,951	4.92	2/5,717,503	4.65	2,690,019	4.02
TOTAL, AS LANDED	1,734,889	7.40	917,946	10.37	44,454,469	7.50	34,565,686	7.04
TOTAL IN 1947, AS LANDED	2,255,322	6.74	966,360	10.87	-	-	34,565,686	7.04

[1] REPRESENTS THE CATCH LANDED AT PROVINCETOWN, WOODS HOLE, CHATHAM, HYANNIS, HARWICH PORT, AND OTHER CAPE COD PORTS EAST OF BUZZARDS BAY.

[2] THE ITEMS UNDER "OTHER, AS LANDED" INCLUDE ANGLERFISH, 8,314 POUNDS, VALUED AT $146; BLUEFISH, 1,090 POUNDS, VALUED AT $258; BONITO, 2,292 POUNDS, VALUED AT $242; BUTTERFISH, 127,739, POUNDS, VALUED AT $14,973; CUNNER (PERCH), 2,505 POUNDS, VALUED AT $50; CONGER EELS, 3,728 POUNDS, VALUED AT $234; FRIGATE MACKEREL, 6,654 POUNDS, VALUED AT $173; GRAYFISH, 24,013 POUNDS, VALUED AT $287; SEA HERRING, 2,047,469 POUNDS, VALUED AT $60,547; MENHADEN 964,556 POUNDS, VALUED AT $12,119; OCEAN POUT, 770 POUNDS, VALUED AT $19; RAJAFISH, 13,400 POUNDS, VALUED AT $412; SEA BASS, 12,775 POUNDS, VALUED AT $1,200; SEA TROUT OR WEAKFISH, 7,240 POUNDS, VALUED AT $894; SHAD, 17,394 POUNDS, VALUED AT $1,718; SHARKS, 4,953 POUNDS, VALUED AT $454; STRIPED BASS, 1,233 POUNDS, VALUED AT $183; STURGEON, 1,920 POUNDS, VALUED AT $370; TAUTOG, 5,876 POUNDS, VALUED AT $309; TILEFISH, 23,930 POUNDS, VALUED AT $2,051; TUNA, 1,418,677 POUNDS, VALUED AT $121,410; MIXED FISH, 359,981 POUNDS, VALUED AT $14,535; AND SQUID, 660,994 POUNDS, VALUED AT $33,436.

NOTE:--LANDINGS NOT INCLUDED IN THE ABOVE TABLE CONSISTED OF LIVERS, 8,932 POUNDS, VALUED AT $1,113, AND SPAWN, 13,737 POUNDS, VALUED AT $1,064.

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND			
				LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOWTAIL	BLACKBACK
	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:											
MIDDLE GROUND.	1	0.3	3	2,240	25,920	-	-	-	-	-	-
EMERALD BANK	1	0.2	3	-	-	-	1,500	-	-	-	-
E. BROWNS AND LA HAVE	3	7.4	73	38,250	41,200	-	33,755	-	-	-	-
SOUTHERN NOVA SCOTIA	2	0.9	7	1,600	1,000	-	120	-	-	-	-
WESTERN BROWNS	2	16.6	135	141,630	138,580	-	58,025	-	-	-	-
WESTERN NOVA SCOTIA.	1	0.4	3	-	-	-	1,400	-	-	-	-
WESTERN MAINE.	12	309.0	365	377,023	127,890	39,820	242,865	118	-	-	-
EASTERN MASSACHUSETTS.	74	1,661.0	1,667	1,107,031	628,625	154,870	442,015	115	-	4,635	9,350
INNER GROUNDS.	11	30.1	48	67,205	39,855	3,855	78,345	-	-	-	-
WESTERN SIDE SOUTH CHANNEL . .	5	17.7	85	133,780	90,250	3,000	10,675	-	-	-	-
NORTHERN EDGE OF GEORGES . . .	2	6.5	42	178,130	79,520	-	4,220	-	-	-	-
CENTRAL AND S.E. GEORGES . . .	1	0.9	6	62,400	14,500	-	-	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED .	1	1.0	10	10,800	13,000	-	33,000	-	-	-	-
CAPE COD 1/.	53	5,288.0	5,288	1,314,641	529,101	-	71,170	-	71,112	3,366	7,347
TOTAL.	2/131	7,340.0	7,735	3,434,730	1,729,441	201,545	977,090	233	71,112	8,001	16,697
HAND LINES:											
EASTERN MASSACHUSETTS.	123	949.0	949	271,415	29,693	130	640	-	-	-	245
CAPE COD 1/.	57	796.0	796	43,056	60,372	-	-	-	273	3	11,365
TOTAL.	180	1,745.0	1,745	314,471	90,065	130	640	-	273	3	11,610
HARPOONS:											
NORTHEAST CAPE BRETON.	1	0.2	4	-	-	-	-	-	-	-	-
WESTERN BROWNS	6	3.2	66	-	-	-	-	-	-	-	-
EASTERN MASSACHUSETTS.	26	125.0	125	-	-	-	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL . .	1	0.5	11	-	-	-	-	-	-	-	-
EASTERN SIDE SOUTH CHANNEL . .	3	2.4	33	-	-	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES . . .	10	11.0	201	-	-	-	-	-	-	-	-
CENTRAL AND S.E. GEORGES . . .	10	9.7	170	-	-	-	-	-	-	-	-
SOUTHWEST GEORGES.	3	1.9	35	-	-	-	-	-	-	-	-
NANTUCKET SHOALS & LHTSHIP . .	14	35.0	183	-	-	-	-	-	-	-	-
OFF NO MAN'S LAND.	9	24.1	119	-	-	-	-	-	-	-	-
SOUTHERN MASSACHUSETTS	1	1.0	4	-	-	-	-	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED .	7	8.0	40	-	-	-	-	-	-	-	-
CAPE COD 1/.	21	51.0	51	-	-	-	-	-	-	-	-
TOTAL.	2/74	273.0	1,042	-	-	-	-	-	-	-	-
OTTER TRAWLS, LARGE:											
ST. PIERRE BANK.	9	9.5	95	30,520	35,925	-	-	101,630	125	16,700	-
NORTHEAST CAPE BRETON.	26	84.8	889	121,392	105,240	-	581	35,645	-	2,600	-
MISAINE BANK	20	36.9	374	69,953	49,968	3,600	200	13,795	-	-	-
BANQUEREAU	52	150.9	1,462	1,053,059	2,985,803	89,565	4,329	154,437	9,300	918,891	-
CANSO BANK	27	54.2	609	71,391	64,851	-	9,273	61,571	-	-	-
MIDDLE GROUND.	24	18.4	207	172,361	340,152	5,425	1,502	3,953	-	199,300	-
N.E. SABLE ISLAND BANK	37	55.1	502	330,541	618,380	29,390	800	1,200	10,925	786,344	3,900
S.E. SABLE ISLAND BANK	16	12.0	119	11,070	10,596	-	350	5,407	-	450	-
HORSESHOE GROUND	46	78.4	783	513,008	653,200	9,475	14,890	37,139	1,850	239,140	350

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(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND			
				LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOWTAIL	BLACKBACK
	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, LARGE - CONTINUED:											
S.W. SABLE ISLAND BANK	36	35.5	340	902,056	646,979	1,400	1,355	7,883	165	18,235	-
EASTERN NOVA SCOTIA.	10	3.9	42	3,615	4,745	-	1,031	1,360	-	-	-
EMERALD BANK	55	67.1	655	1,512,643	1,032,785	4,950	11,109	14,109	965	38,615	-
CENTRAL NOVA SCOTIA.	10	6.0	56	25,007	8,719	-	2,965	3,578	40	900	-
E. BROWNS AND LA HAVE.	60	68.7	731	351,977	265,773	3,400	22,340	10,015	2,680	2,300	500
SOUTHERN NOVA SCOTIA	26	21.5	192	148,778	53,720	1,100	11,871	5,709	200	275	-
WESTERN BROWNS	50	94.3	827	872,522	456,475	13,980	26,212	12,359	13,615	20,775	3,715
WESTERN NOVA SCOTIA.	3	1.0	9	16,100	-	-	-	1,790	-	-	-
NOVA SCOTIA, UNCLASSIFIED. . .	1	1.0	9	7,800	1,700	-	-	-	100	-	-
EASTERN MAINE.	2	1.0	11	9,142	7,698	-	2,988	157	-	1,375	-
EASTERN MASSACHUSETTS.	13	8.1	63	41,600	15,766	-	2,290	3,550	17,300	2,700	6,740
INNER GROUNDS.	20	32.8	289	36,395	16,921	375	27,431	7,695	830	5,425	140
WESTERN SIDE SOUTH CHANNEL . .	56	123.7	968	403,635	460,681	114,325	24,324	51,185	79,382	13,415	363,237
EASTERN SIDE SOUTH CHANNEL . .	62	155.7	1,235	509,210	333,389	37,290	17,951	68,652	307,003	90,155	146,380
NORTHERN EDGE OF GEORGES . . .	57	492.8	3,815	4,286,698	4,901,252	501,300	54,275	24,820	562,097	100,990	166,503
CENTRAL AND S.E. GEORGES . . .	53	168.4	1,399	1,780,087	690,413	46,000	8,850	12,500	320,450	86,440	209,750
SOUTHWEST GEORGES.	28	28.2	207	40,400	48,030	420	50	800	72,898	287,450	28,190
NANTUCKET SHOALS & LHTSHIP . .	13	13.4	91	9,145	71,695	63,785	-	-	24,485	58,640	73,355
OFF NO MAN'S LAND.	1	0.5	4	-	-	-	-	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED .	49	130.2	1,071	555,330	813,885	82,535	7,550	25,260	197,520	167,548	122,665
CAPE COD 1/.	1	1.0	1	-	10	-	-	-	-	-	-
TOTAL.	2/85	1,955.0	17,055	13,885,435	14,694,751	1,008,315	254,517	666,199	1,621,930	3,078,663	1,125,425
OTTER TRAWLS, MEDIUM:											
ST. PIERRE BANK.	4	5.0	55	28,300	2,700	-	-	3,595	-	1,600	-
NORTHEAST CAPE BRETON.	26	51.5	512	28,603	9,236	-	457	6,503	-	930	-
MISAINE BANK	17	20.4	214	25,229	12,185	-	187	2,040	-	-	-
BANQUEREAU	45	108.7	1,031	114,977	98,295	125	3,107	76,116	2,215	155,697	-
CANSO BANK	30	60.6	602	52,706	15,727	115	3,971	30,323	-	2,170	-
MIDDLE GROUND.	17	12.8	118	28,704	11,580	-	1,283	5,945	-	579	-
N.E. SABLE ISLAND BANK	7	5.9	54	15,061	20,255	-	52	-	2,710	361,757	-
S.E. SABLE ISLAND BANK	5	5.5	56	5,415	13,416	-	419	1,785	540	-	-
HORSESHOE GROUND	15	18.6	202	28,987	24,089	30	5,434	6,685	-	6,750	-
S.W. SABLE ISLAND BANK	9	6.3	59	110,174	69,394	-	120	885	87	700	-
EASTERN NOVA SCOTIA.	31	36.0	365	42,369	2,676	150	10,270	8,207	-	-	-
EMERALD BANK	24	16.8	173	94,495	54,498	-	4,457	5,268	88	250	-
CENTRAL NOVA SCOTIA.	20	19.6	203	6,754	2,984	-	5,149	4,570	-	-	-
E. BROWNS AND LA HAVE.	48	96.2	991	131,169	74,393	1,868	28,731	37,680	-	2,006	400
SOUTHERN NOVA SCOTIA	43	57.6	521	176,103	81,219	417	6,292	14,151	-	9,688	65
WESTERN BROWNS	31	37.7	305	113,841	116,979	2,805	11,795	13,435	3,055	3,125	400
WESTERN NOVA SCOTIA.	11	9.4	73	24,425	11,921	-	6,740	2,127	-	-	1,050
EASTERN MAINE.	21	18.9	163	51,918	38,423	-	8,735	976	500	6,408	-
CENTRAL MAINE.	22	20.2	144	12,880	4,694	-	8,029	8,065	-	-	-
WESTERN MAINE.	61	315.4	1,093	404,386	236,788	39,965	83,204	120,850	1,640	3,415	7,707
EASTERN MASSACHUSETTS.	81	396.3	818	218,505	137,116	35,692	35,355	53,502	6,530	51,395	47,593
INNER GROUNDS.	114	552.4	3,351	336,167	103,424	6,785	203,780	104,731	-	900	1,635
NORTHERN GULF OF MAINE, UNCL..	1	1.0	6	-	-	-	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL . .	141	741.8	3,632	806,069	947,025	256,418	180,472	207,161	142,318	96,095	488,100
EASTERN SIDE SOUTH CHANNEL . .	122	297.6	2,118	285,282	147,237	61,488	38,661	40,791	1,216,015	513,493	587,308

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND			
				LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOWTAIL	BLACKBACK
	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, MEDIUM - CONTINUED:											
NORTHERN EDGE OF GEORGES . . .	34	71.7	532	419,576	763,168	149,095	176	1,165	219,505	44,445	86,535
CENTRAL AND S.E. GEORGES . . .	37	148.5	1,063	890,430	242,815	69,775	500	1,400	716,937	1,117,865	285,800
SOUTHWEST GEORGES.	46	152.9	948	52,915	111,532	46,947	-	13,720	271,515	4,873,622	124,467
NANTUCKET SHOALS & LHTSHIP . .	45	183.3	843	35,510	277,025	270,885	350	11,060	76,560	1,260,565	962,905
OFF NO MAN'S LAND.	30	93.0	371	3,410	12,335	1,895	-	765	275	414,875	27,395
SOUTHERN MASSACHUSETTS	3	2.3	14	2,900	3,500	-	-	-	-	-	5,655
RHODE ISLAND SHORE	12	15.9	65	875	1,990	410	-	-	2,250	129,385	1,560
S. NEW ENGLAND, UNCLASSIFIED .	48	153.9	1,079	153,515	375,270	131,515	1,425	4,145	536,105	326,005	358,580
SOUTH.	17	22.3	127	615	725	60	-	55	-	235,945	19,055
CAPE COD 1/.	6	27.0	27	-	8,385	7,810	-	205	1,365	74,870	21,951
TOTAL.	2/212	3,783.0	21,928	4,702,265	4,032,999	1,084,250	649,151	787,906	3,200,210	9,694,535	3,028,161
OTTER TRAWLS, SMALL:											
SOUTHERN NOVA SCOTIA	1	1.0	9	-	-	-	-	-	-	-	-
EASTERN MAINE.	1	0.6	3	-	1,000	-	-	300	-	-	800
CENTRAL MAINE.	1	0.3	1	-	-	-	-	-	-	-	-
WESTERN MAINE.	33	164.9	432	346,786	86,050	19,120	17,481	85,255	165	3,105	7,245
EASTERN MASSACHUSETTS.	126	3,820.4	4,617	924,838	432,633	136,955	12,277	558,010	11,410	913,593	568,105
INNER GROUNDS.	14	35.7	179	21,823	4,349	435	9,787	11,973	80	1,365	1,275
NORTHERN GULF OF MAINE, UNCL.	1	1.0	6	635	120	-	225	120	-	-	-
WESTERN SIDE SOUTH CHANNEL . .	99	546.8	1,540	136,161	983,290	280,915	16,584	53,299	9,275	171,640	2,073,665
EASTERN SIDE SOUTH CHANNEL . .	11	19.8	119	5,878	7,461	10,965	4,240	2,988	77,345	19,745	67,435
NORTHERN EDGE OF GEORGES . . .	2	1.5	8	-	355	250	-	-	-	2,935	-
CENTRAL AND S.E. GEORGES . . .	6	6.0	35	-	225	90	-	-	3,015	78,535	1,465
SOUTHWEST GEORGES.	36	78.9	364	650	6,795	3,780	-	7,095	10,495	2,016,620	14,385
NANTUCKET SHOALS & LHTSHIP . .	140	934.9	3,548	32,475	284,215	387,815	-	10,760	175,820	5,155,001	3,088,535
OFF NO MAN'S LAND.	156	932.3	2,626	17,135	99,735	26,955	-	5,245	13,270	4,044,341	929,279
SOUTHERN MASSACHUSETTS	77	223.2	690	1,505	25,720	1,855	-	-	525	1,534	1,003,050
RHODE ISLAND SHORE	122	349.6	1,196	5,390	24,380	10,400	-	840	440	2,130,895	108,515
S. NEW ENGLAND, UNCLASSIFIED .	100	306.5	548	3,105	35,037	9,805	-	635	10,510	368,518	211,375
SOUTH.	67	140.6	495	1,980	4,875	1,090	-	930	250	1,492,995	79,435
CAPE COD 1/.	195	4,912.0	4,912	278,887	471,348	52,693	790	55,101	45,830	2,240,843	1,380,648
TOTAL.	2/493	12,476.0	21,328	1,777,248	2,467,588	943,123	61,384	792,551	358,430	18,641,665	9,535,212
FLOATING TRAPS,											
EASTERN MASSACHUSETTS.	13	760.0	760	-	4,388	-	-	-	-	-	45
POUND NETS,											
CAPE COD 1/.	22	1,986.0	1,986	-	109	-	-	-	-	-	3,944
SINK GILL NETS:											
EASTERN MASSACHUSETTS.	11	1,140.0	1,140	962,148	170,306	-	2,305	15	-	270	8,043
CAPE COD 1/.	1	1.0	1	-	-	-	-	-	-	-	-
TOTAL.	12	1,141.0	1,141	962,148	170,306	-	2,305	15	-	270	8,043
DRIFT GILL NETS,											
EASTERN MASSACHUSETTS.	47	524.0	524	-	-	-	-	-	-	-	-

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LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND			
				LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOWTAIL	BLACKBACK
	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
PURSE SEINES:											
CENTRAL MAINE	3	3.0	12	-	-	-	-	-	-	-	-
WESTERN MAINE	14	30.0	33	20	15	-	-	-	-	-	-
EASTERN MASSACHUSETTS	49	610.0	810	95	105	-	-	280	-	-	-
WESTERN SIDE SOUTH CHANNEL	35	110.0	237	-	90	-	-	-	-	-	-
EASTERN SIDE SOUTH CHANNEL	5	6.0	20	-	-	-	-	-	-	-	-
NANTUCKET SHOALS & LHTSHIP	9	9.0	19	-	-	-	-	-	-	-	-
OFF NO MAN'S LAND	22	36.0	56	-	-	-	-	-	-	-	-
RHODE ISLAND SHORE	1	1.0	1	-	-	-	-	-	-	-	-
S. NEW ENGLAND, UNCLASSIFIED	18	29.0	54	-	-	-	-	-	-	-	-
SOUTH	1	1.0	11	-	-	-	-	-	-	-	-
CAPE COD 1/	5	13.0	13	-	-	-	-	-	-	-	-
TOTAL	2/56	848.0	1,266	3/115	3/210	-	-	3/280	-	-	-
SCALLOP DREDGES:											
WESTERN BROWNS	1	1.0	9	-	-	-	-	-	-	-	-
EASTERN MASSACHUSETTS	10	14.0	69	-	-	-	-	-	-	-	-
WESTERN SIDE SOUTH CHANNEL	89	262.3	1,914	-	-	-	-	-	90	535	2,360
EASTERN SIDE SOUTH CHANNEL	21	21.1	149	-	-	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES	85	495.9	4,559	-	-	-	-	-	405	685	2,210
CENTRAL AND S.E. GEORGES	86	286.4	2,543	-	-	-	-	-	175	235	1,070
SOUTHWEST GEORGES	16	13.7	125	-	-	-	-	-	-	120	-
NANTUCKET SHOALS & LHTSHIP	76	272.1	2,005	-	-	-	-	-	-	2,060	2,315
OFF NO MAN'S LAND	4	5.0	40	-	-	-	-	-	-	-	50
S. NEW ENGLAND, UNCLASSIFIED	51	93.0	711	-	-	-	-	-	-	220	800
SOUTH	19	27.5	235	-	-	-	-	-	-	-	-
CAPE COD 1/	118	1,496.0	1,496	-	-	-	-	-	-	150	-
TOTAL	2/223	2,988.0	13,855	-	-	-	-	-	3/670	3/4,005	3/8,805
GRAND TOTAL	2/1,244	35,819.0	90,365	25,076,412	23,189,857	3,237,363	1,945,087	2,247,184	5,252,625	31,427,142	13,737,942

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONT'D.		HADDOCK			HAKE			HALIBUT, DRAWN	MACKEREL, ROUND
			DRAWN		ROUND, SCROD	RED, ROUND	WHITE, DRESSED			
	DAB	FLUKE	LARGE	SCROD			LARGE	SMALL		
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:										
MIDDLE GROUND	-	-	-	-	-	-	-	-	722	-
EMERALD BANK	-	-	5,380	-	-	-	-	-	-	-
E. BROWNS AND LA HAVE	-	-	147,365	32,600	-	-	8,280	-	3,447	-
SOUTHERN NOVA SCOTIA	-	-	20,480	3,900	-	-	19,520	-	17	-
WESTERN BROWNS	-	-	630,950	43,500	-	-	9,700	-	5,122	-
WESTERN NOVA SCOTIA	-	-	8,100	900	-	-	4,000	-	-	-
WESTERN MAINE	2,480	-	188,440	18,480	-	1,000	770,160	1,345	3,907	-
EASTERN MASSACHUSETTS	5,630	-	288,360	27,445	-	-	1,009,734	670	5,043	240
INNER GROUNDS	200	-	24,925	4,300	-	-	49,895	590	1,195	-
WESTERN SIDE SOUTH CHANNEL	-	-	606,795	37,600	-	-	23,185	-	2,179	-
NORTHERN EDGE OF GEORGES	-	-	86,245	5,300	-	-	1,800	-	1,062	-
CENTRAL AND S. E. GEORGES	-	-	12,900	-	-	-	2,500	-	-	-

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONT'D.		HADDOCK			HAKE			HALIBUT, DRAWN	MACKEREL, ROUND
	DAB	FLUKE	DRAWN		ROUND, SCROD	RED, ROUND	WHITE, DRESSED			
			LARGE	SCROD			LARGE	SMALL		
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS - CONTINUED:										
S. NEW ENGLAND, UNCLASSIFIED	-	-	17,700	400	-	-	21,000	-	-	-
CAPE COD 1/	2,018	-	1,648,474	125	-	295	135,487	-	58,280	510
TOTAL	10,328	-	3,686,114	174,550	-	1,295	2,055,261	2,605	80,974	3/750
HAND LINES:										
EASTERN MASSACHUSETTS	-	-	70	-	-	-	2,265	-	57	-
CAPE COD 1/	26	-	9,850	-	-	-	350	-	-	-
TOTAL	26	-	9,920	-	-	-	2,615	-	57	-
HARPOONS,										
CAPE COD 1/	-	200	-	-	-	-	-	-	-	-
TOTAL	-	3/200	-	-	-	-	-	-	-	-
OTTER TRAWLS, LARGE:										
ST. PIERRE BANK	900	-	613,350	379,570	-	-	10,320	450	485	-
NORTHEAST CAPE BRETON	13,396	-	2,584	6,483	-	-	1,074	345	832	-
MISAINE BANK	9,355	-	840	1,770	-	-	490	565	137	-
BANQUEREAU	33,735	-	1,756,482	844,076	-	425	16,752	5,003	12,969	-
CANSO BANK	11,919	-	20,235	16,045	-	-	5,898	6,196	1,751	-
MIDDLE GROUND	15,100	-	130,573	57,619	-	-	2,752	2,715	818	-
N.E. SABLE ISLAND BANK	42,050	-	1,431,299	1,732,701	-	-	27,620	-	5,757	-
S.E. SABLE ISLAND BANK	1,820	-	12,450	26,848	-	-	2,443	2,570	1,630	-
HORSESHOE GROUND	25,342	-	2,421,440	1,179,212	-	930	84,511	17,179	8,340	1,890
S.W. SABLE ISLAND BANK	10,448	-	1,756,920	595,655	-	-	16,425	622	12,500	300
EASTERN NOVA SCOTIA	1,354	-	9,988	14,473	-	-	1,946	3,089	102	-
EMERALD BANK	10,454	-	2,994,981	1,195,709	-	-	39,263	10,967	25,311	-
CENTRAL NOVA SCOTIA	67	-	42,108	42,588	-	-	1,025	6,370	886	-
E. BROWNS AND LA HAVE	11,052	-	2,217,451	1,146,965	-	-	48,598	24,654	15,210	-
SOUTHERN NOVA SCOTIA	10,467	-	429,984	236,429	-	250	19,719	4,900	1,429	-
WESTERN BROWNS	14,676	-	5,261,025	2,619,608	-	785	26,170	-	13,808	900
WESTERN NOVA SCOTIA	-	-	1,800	-	-	-	2,160	-	-	-
NOVA SCOTIA, UNCLASSIFIED	20	-	12,800	4,100	-	-	300	-	-	-
EASTERN MAINE	-	-	11,025	6,285	-	-	4,470	-	-	-
EASTERN MASSACHUSETTS	5,258	-	312,063	197,490	-	-	8,095	100	1,338	-
INNER GROUNDS	5,795	-	139,958	62,530	-	-	21,230	23,997	652	-
WESTERN SIDE SOUTH CHANNEL	32,585	-	3,143,484	1,654,476	-	40	127,102	13,571	3,378	4,323
EASTERN SIDE SOUTH CHANNEL	122,832	-	4,417,832	2,885,952	-	40	102,997	2,057	17,518	10,432
NORTHERN EDGE OF GEORGES	79,735	-	13,297,275	17,013,245	-	-	179,855	-	63,457	63,680
CENTRAL AND S.E. GEORGES	30,045	-	4,572,875	5,971,280	1,000	200	41,835	-	8,548	9,265
SOUTHWEST GEORGES	4,450	-	841,460	644,625	-	-	4,710	-	2,080	1,050
NANTUCKET SHOALS & LHTSHIP	1,350	49,830	286,920	261,660	-	-	10,205	-	259	-
OFF NO MAN'S LAND	-	10,200	-	-	-	-	1,625	-	-	-
S. NEW ENGLAND, UNCLASSIFIED	39,095	-	2,407,310	2,613,345	-	-	61,985	-	17,225	4,770
CAPE COD 1/	-	-	500	155	-	5	-	-	-	-
TOTAL	533,300	60,030	48,547,012	41,410,894	1,000	2,675	871,575	125,350	216,420	3/96,610

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONT'D.		HADDOCK			HAKE			HALIBUT, DRAWN	MACKEREL, ROUND
			DRAWN		ROUND, SCROD	RED, ROUND	WHITE, DRESSED			
	DAB	FLUKE	LARGE	SCROD			LARGE	SMALL		
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, MEDIUM:										
ST. PIERRE BANK.	1,240	-	324,340	210,078	-	-	2,860	135	590	-
NORTHEAST CAPE BRETON.	3,403	-	2,849	1,594	-	-	1,583	-	-	-
MISAINE BANK	5,317	-	610	328	-	-	315	576	-	-
BANQUEREAU	21,992	-	130,727	116,811	-	-	5,603	7,868	1,221	-
CANSO BANK	13,659	-	11,698	11,271	-	-	4,347	10,562	-	-
MIDDLE GROUND.	6,110	-	12,539	5,770	-	-	3,570	3,825	-	-
N.E. SABLE ISLAND BANK	4,872	-	37,976	34,165	-	-	344	241	745	-
S.E. SABLE ISLAND BANK	758	-	7,638	10,548	-	-	960	539	-	-
HORSESHOE GROUND	1,435	-	260,311	89,653	-	-	8,938	13,935	300	-
S.W. SABLE ISLAND BANK	983	-	397,071	133,530	-	-	3,651	50	344	-
EASTERN NOVA SCOTIA.	2,744	-	17,426	27,876	-	-	8,428	17,908	-	-
EMERALD BANK	1,241	-	417,016	118,583	-	-	11,341	3,959	844	-
CENTRAL NOVA SCOTIA.	944	-	14,966	28,580	-	-	9,960	7,564	-	-
E. BROWNS AND LA HAVE.	20,321	-	911,292	602,053	-	-	59,300	46,472	2,062	-
SOUTHERN NOVA SCOTIA	30,044	-	179,055	157,131	-	-	31,378	18,609	366	-
WESTERN BROWNS	4,574	-	881,710	515,240	-	730	31,500	9,363	1,456	-
WESTERN NOVA SCOTIA.	1,061	-	39,326	29,135	-	-	5,655	6,267	-	-
EASTERN MAINE.	3,950	-	88,742	93,727	-	-	22,288	4,551	205	-
CENTRAL MAINE.	4,479	-	23,616	7,739	-	-	5,542	12,061	-	-
WESTERN MAINE.	81,858	-	646,341	281,071	-	7,910	254,966	106,757	389	-
EASTERN MASSACHUSETTS.	67,160	-	465,284	269,352	-	2,560	110,323	54,392	1,156	385
INNER GROUNDS.	77,993	-	1,095,670	323,017	-	725	150,535	219,374	1,944	80
WESTERN SIDE SOUTH CHANNEL . .	149,828	4,220	4,919,897	2,622,432	-	2,315	469,021	117,067	18,145	6,745
EASTERN SIDE SOUTH CHANNEL . .	63,162	665	2,206,224	1,795,384	-	255	69,762	74,725	7,963	4,675
NORTHERN EDGE OF GEORGES . . .	12,127	80	1,038,067	1,559,835	-	-	11,260	43	10,640	570
CENTRAL AND S.E. GEORGES . . .	24,975	475	1,425,945	2,116,370	-	-	5,605	275	6,535	-
SOUTHWEST GEORGES.	3,910	1,005	1,213,540	938,802	-	150	1,895	-	5,805	510
NANTUCKET SHOALS & LHTSHIP . .	2,670	255,070	405,845	238,610	-	2,165	32,735	50	1,565	4,035
OFF NO MAN'S LAND.	-	351,860	19,425	45	-	2,250	9,650	-	-	90,455
SOUTHERN MASSACHUSETTS	-	15	30,700	12,300	-	-	900	-	-	-
RHODE ISLAND SHORE	-	1,190	11,470	26,375	-	55	230	-	-	-
S. NEW ENGLAND, UNCLASSIFIED .	28,055	12,375	1,317,635	1,562,600	-	700	17,785	-	8,667	1,905
SOUTH.	-	78,715	945	50	-	-	1,795	250	-	100
CAPE COD 1/.	-	53,187	22,090	-	-	-	1,555	-	-	-
TOTAL.	640,865	758,857	18,577,986	13,940,055	-	19,815	1,355,580	737,418	70,942	3/109,460
OTTER TRAWLS, SMALL:										
SOUTHERN NOVA SCOTIA	-	-	500	-	-	-	-	-	-	-
EASTERN MAINE.	1,500	-	1,200	1,300	-	-	50	-	-	-
WESTERN MAINE.	75,153	-	159,473	85,813	-	987	97,630	29,837	580	34,495
EASTERN MASSACHUSETTS.	750,123	180	411,503	323,147	-	32,866	368,434	415,936	2,032	19,747
INNER GROUNDS.	6,829	-	54,114	15,030	-	-	7,322	16,149	-	-
NORTHERN GULF OF MAINE, UNCL.	20	-	425	170	-	-	335	210	-	-
WESTERN SIDE SOUTH CHANNEL . .	40,647	53,480	808,738	418,740	-	1,038	69,868	11,384	732	850
EASTERN SIDE SOUTH CHANNEL . .	1,519	80	62,376	45,535	-	-	4,213	1,432	-	-
NORTHERN EDGE OF GEORGES . . .	-	-	1,000	4,815	-	-	130	-	-	-
CENTRAL AND S.E. GEORGES . . .	95	-	10,500	14,100	-	-	165	-	-	-
SOUTHWEST GEORGES.	205	1,640	43,450	38,830	-	-	500	-	-	-
NANTUCKET SHOALS & LHTSHIP . .	5,050	766,467	392,655	91,650	-	31,545	59,890	2,880	1,284	275

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND-CONT'D.		HADDOCK			HAKE			HALIBUT, DRAWN	MACKEREL, ROUND
			DRAWN		ROUND, SCROD	RED, ROUND	WHITE, DRESSED			
	DAB	FLUKE	LARGE	SCROD			LARGE	SMALL		
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, SMALL - CONTINUED:										
OFF NO MAN'S LAND.	150	215,105	76,285	1,755	-	1,122,867	32,030	2,780	-	15,155
SOUTHERN MASSACHUSETTS	265	78,125	25	15	-	30	140	120	-	-
RHODE ISLAND SHORE	-	8,035	3,895	-	-	25	5,770	1,635	-	-
S. NEW ENGLAND, UNCLASSIFIED .	905	44,325	35,201	15,530	-	2,932,263	68,775	165	-	-
SOUTH.	50	102,755	6,365	185	-	895	7,495	1,365	-	325
CAPE COD 1/.	60,581	271,433	567,592	91,420	-	1,091	123,622	69,355	4,328	47,230
TOTAL.	943,092	1,541,625	2,635,297	1,148,035	-	4,123,607	846,369	553,248	8,956	3/118,077
FLOATING TRAPS,										
EASTERN MASSACHUSETTS.	15	-	-	-	-	-	-	-	-	1,341,478
POUND NETS,										
CAPE COD 1/.	-	7,415	-	-	-	-	30,325	-	-	8,519,739
SINK GILL NETS:										
EASTERN MASSACHUSETTS.	985	-	89,565	-	-	555	761,775	935	163	-
CAPE COD 1/.	-	-	-	-	-	-	-	-	-	115
TOTAL.	985	-	89,565	-	-	555	761,775	935	163	3/115
DRIFT GILL NETS,										
EASTERN MASSACHUSETTS.	-	-	-	-	-	-	-	-	-	454,155
PURSE SEINES:										
CENTRAL MAINE.	-	-	-	-	-	-	-	-	-	119,250
WESTERN MAINE.	-	-	-	-	-	-	-	-	-	453,680
EASTERN MASSACHUSETTS.	95	-	-	-	-	-	-	655	-	16,649,235
WESTERN SIDE SOUTH CHANNEL . .	-	-	-	-	-	-	-	-	-	3,669,577
EASTERN SIDE SOUTH CHANNEL . .	-	-	-	-	-	-	-	-	-	57,625
NANTUCKET SHOALS & LHTSHIP . .	-	-	-	-	-	-	-	-	-	358,150
OFF NO MAN'S LAND.	-	-	-	-	-	-	-	-	-	930,660
RHODE ISLAND SHORE	-	-	-	-	-	-	-	-	-	6,500
S. NEW ENGLAND, UNCLASSIFIED .	-	-	-	-	-	-	-	-	-	686,970
SOUTH.	-	-	-	-	-	-	-	-	-	38,150
CAPE COD 1/.	-	-	-	-	-	-	-	-	-	329,730
TOTAL.	3/95	-	-	-	-	-	-	3/655	-	23,299,527
SCALLOP DREDGES:										
WESTERN SIDE SOUTH CHANNEL . .	90	-	-	-	-	-	-	-	-	-
CENTRAL AND S.E. GEORGES . . .	-	-	-	-	-	-	80	-	-	-
NANTUCKET SHOALS & LHTSHIP . .	75	-	-	-	-	-	30	-	-	-
TOTAL.	3/165	-	-	-	-	-	3/110	-	-	-
GRAND TOTAL.	2,128,871	2,368,127	73,545,894	56,673,534	1,000	4,147,947	5,923,610	1,420,211	377,512	33,939,911

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(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:											
MIDDLE GROUND.	-	-	-	-	-	-	-	-	-	-	28,882
EMERALD BANK	-	-	-	-	-	-	-	-	-	-	6,880
E. BROWNS AND LA HAVE.	3,190	-	-	-	-	-	-	180	-	-	308,267
SOUTHERN NOVA SCOTIA	3,260	-	-	-	-	-	-	120	-	-	50,017
WESTERN BROWNS	9,050	-	-	-	-	-	-	12,600	-	-	1,049,157
WESTERN NOVA SCOTIA.	-	-	-	-	-	-	-	-	-	-	14,400
WESTERN MAINE.	144,310	890	-	-	-	4,795	2,300	6,990	-	10,574	1,943,387
EASTERN MASSACHUSETTS.	182,595	-	-	-	-	2,935	450	55,393	-	25,636	3,950,772
INNER GROUNDS.	11,575	-	-	-	-	450	-	1,175	-	550	284,115
WESTERN SIDE SOUTH CHANNEL . .	6,405	-	-	-	-	-	-	2,245	-	-	916,114
NORTHERN EDGE OF GEORGES . . .	2,150	-	-	-	-	-	-	1,000	-	-	359,427
CENTRAL AND S.E. GEORGES . . .	900	-	-	-	-	-	-	-	-	-	93,200
S. NEW ENGLAND, UNCLASSIFIED .	1,500	-	-	-	-	-	-	-	-	-	97,400
CAPE COD 1/.	108,042	-	-	-	-	5	50	49,080	-	3,067	4,002,170
TOTAL.	472,977	890	-	-	-	8,185	2,800	128,783	-	39,827	13,104,188
HAND LINES:											
EASTERN MASSACHUSETTS.	236,645	-	-	-	-	-	-	-	-	112,950	654,110
CAPE COD 1/.	6,495	-	-	300	-	-	-	7	-	326,738	458,835
TOTAL.	243,140	-	-	300	-	-	-	7	-	439,688	1,112,945
HARPOONS:											
NORTHEAST CAPE BRETON.	-	-	-	-	2,727	-	-	-	-	-	2,727
NORTHEAST CAPE BRETON (OCC.). .	-	-	-	-	240	-	-	-	-	-	240
MISAINE BANK (OCCASIONAL). . .	-	-	-	-	275	-	-	-	-	-	275
BANQUEREAU (OCCASIONAL). . . .	-	-	-	-	1,594	-	-	-	-	-	1,594
WESTERN BROWNS	-	-	-	-	38,128	-	-	-	-	-	38,128
WESTERN BROWNS (OCCASIONAL). .	-	-	-	-	283	-	-	-	-	-	283
EASTERN MASSACHUSETTS.	-	-	-	-	460	-	-	-	-	73,092	73,552
EASTERN MASSACHUSETTS (OCC.). .	-	-	-	-	-	-	-	-	-	12,888	12,888
WESTERN SIDE SOUTH CHANNEL . .	-	-	-	-	7,771	-	-	-	-	-	7,771
EASTERN SIDE SOUTH CHANNEL . .	-	-	-	-	18,955	-	-	-	-	-	18,955
EASTERN SIDE SOUTH CHANNEL(OCC.)	-	-	-	-	283	-	-	-	-	-	283
NORTHERN EDGE OF GEORGES . . .	-	-	-	-	141,230	-	-	-	-	-	141,230
NORTHERN EDGE OF GEORGES (OCC.)	-	-	-	-	4,514	-	-	-	-	-	4,514
CENTRAL AND S.E. GEORGES . . .	-	-	-	-	135,090	-	-	-	-	-	135,090
CENTRAL AND S.E. GEORGES (OCC.)	-	-	-	-	351	-	-	-	-	-	351
SOUTHWEST GEORGES.	-	-	-	-	32,158	-	-	-	-	-	32,158
SOUTHWEST GEORGES (OCCASIONAL)	-	-	-	-	1,302	-	-	-	-	-	1,302
NANTUCKET SHOALS & LHTSHIP . .	-	-	-	-	66,785	-	-	-	-	-	66,785
NANTUCKET SHOALS & LHTSHIP(OCC.)	-	-	-	-	11,416	-	-	-	-	-	11,416
OFF NO MAN'S LAND.	-	-	-	-	23,743	-	-	-	-	-	23,743
OFF NO MAN'S LAND (OCCASIONAL)	-	-	-	-	5,739	-	-	-	-	-	5,739
SOUTHERN MASSACHUSETTS	-	-	-	-	700	-	-	-	-	-	700
SOUTHERN MASSACHUSETTS (OCC.) .	-	-	-	-	382	-	-	-	-	-	382
RHODE ISLAND SHORE (OCC.) . . .	-	-	-	-	200	-	-	-	-	-	200
S. NEW ENGLAND, UNCLASSIFIED .	-	-	-	-	12,033	-	-	-	-	-	12,033

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
HARPOONS - CONTINUED:											
S. NEW ENGLAND, UNCL. (OCC.)	-	-	-	-	2,084	-	-	-	-	-	2,084
SOUTH (OCCASIONAL)	-	-	-	-	245	-	-	-	-	-	245
CAPE COD 1/	-	-	-	-	110,209	-	-	-	-	-	110,409
CAPE COD 1/ (OCCASIONAL)	-	-	-	-	6,644	-	-	-	-	-	6,644
TOTAL	-	-	-	-	625,541	-	-	-	-	85,980	711,721
OTTER TRAWLS, LARGE:											
ST. PIERRE BANK	6,610	-	110,000	-	-	-	-	2,235	-	300	1,309,120
NORTHEAST CAPE BRETON	11,374	-	14,096,704	-	-	-	-	1,236	-	126,712	14,526,198
MISAINE BANK	12,518	-	6,416,589	-	-	-	-	800	-	21,265	6,601,845
BANQUEREAU	244,938	-	16,762,009	-	-	184	-	39,842	-	105,281	25,037,080
CANSO BANK	23,169	-	7,537,789	-	-	-		414	-	46,412	7,876,914
MIDDLE GROUND	21,854	-	1,479,442	-	-	-	-	17,693	-	11,775	2,453,034
N.E. SABLE ISLAND BANK	381,582	-	284,550	-	-	-	-	35,917	-	4,930	5,727,886
S.E. SABLE ISLAND BANK	39,300	-	2,055,539	-	-	-	-	449	-	24,530	2,195,452
HORSESHOE GROUND	717,860	-	3,858,460	-	-	-	-	87,817	-	11,104	9,883,137
S.W. SABLE ISLAND BANK	908,307	-	86,450	-	-	-	-	74,592	-	6,600	5,046,892
EASTERN NOVA SCOTIA	11,958	-	556,744	-	-	-	-	758	-	2,530	613,693
EMERALD BANK	1,532,433	-	1,241,559	-	-	-	-	79,337	-	2,790	9,747,980
CENTRAL NOVA SCOTIA	12,109	-	816,159	-	-	-	-	1,826	-	-	964,347
E. BROWNS AND LA HAVE	700,776	-	3,766,221	-	-	-	-	31,749	-	49,976	8,671,637
SOUTHERN NOVA SCOTIA	365,145	-	1,304,340	-	-	-	-	8,939	-	49,510	2,652,765
WESTERN BROWNS	1,353,155	-	113,865	-	-	-	-	158,175	-	3,210	10,985,030
WESTERN NOVA SCOTIA	40,403	-	61,500	-	-	-	-	-	-	6,390	130,143
NOVA SCOTIA, UNCLASSIFIED	5,500	-	-	-	-	-	-	150	-	-	32,470
EASTERN MAINE	30,100	-	41,200	-	-	-	-	639	-	-	115,079
EASTERN MASSACHUSETTS	85,703	-	51,490	-	-	46	-	3,500	-	-	755,029
INNER GROUNDS	189,230	-	4,117,930	-	-	1,350	-	1,411	-	12,265	4,671,560
WESTERN SIDE SOUTH CHANNEL	920,863	-	2,332,416	-	-	-	-	12,466	-	6,005	9,760,893
EASTERN SIDE SOUTH CHANNEL	1,231,338	-	2,142,965	-	-	150	-	25,304	-	3,601	12,473,048
NORTHERN EDGE OF GEORGES	3,110,940	-	63,925	-	-	-	-	219,847	-	13,650	44,703,544
CENTRAL AND S.E. GEORGES	630,985	-	43,520	-	-	-	-	25,118	-	3,610	14,492,771
SOUTHWEST GEORGES	31,175	-	-	-	-	-	-	3,600	22	565	2,011,975
NANTUCKET SHOALS & LHTSHIP	7,295	-	-	-	-	-	-	1,290	-	13,855	933,769
OFF NO MAN'S LAND	-	-	-	-	-	-	-	-	-	8,230	20,055
S. NEW ENGLAND, UNCLASSIFIED	854,360	-	289,540	-	-	-	-	48,190	32	1,110	8,329,255
CAPE COD 1/	155	-	-	-	-	-	-	-	-	-	825
TOTAL	13,481,135	-	69,630,906	-	-	1,730	-	873,294	3/54	536,206	212,723,426
OTTER TRAWLS, MEDIUM:											
ST. PIERRE BANK	1,000	-	-	-	-	-	-	895	-	-	577,333
NORTHEAST CAPE BRETON	1,473	-	6,532,686	-	-	-	-	45	-	48,985	6,638,347
MISAINE BANK	2,623	-	2,581,564	-	-	-	-	575	-	29,225	2,660,774
BANQUEREAU	42,382	-	13,479,775	-	-	-	-	4,970	-	97,511	14,359,392
CANSO BANK	14,977	-	6,708,090	-	-	-	-	1,699	-	58,856	6,940,171
MIDDLE GROUND	14,950	-	1,538,022	-	-	-	-	855	-	8,150	1,641,882
N.E. SABLE ISLAND BANK	32,240	-	-	-	-	-	-	2,792	-	-	513,210

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, MEDIUM - CONTINUED:											
S.E. SABLE ISLAND BANK	5,566	-	740,191	-	-	-	-	-	-	19,200	806,975
HORSESHOE GROUND	84,418	-	1,901,954	-	-	-	-	4,857	-	55,613	2,493,389
S.W. SABLE ISLAND BANK	58,293	-	161,565	-	-	-	-	4,105	-	5,900	946,852
EASTERN NOVA SCOTIA	26,570	-	3,112,482	-	-	-	-	1,412	-	47,958	3,326,476
EMERALD BANK	57,978	-	1,086,590	-	-	-	-	2,959	-	21,650	1,881,217
CENTRAL NOVA SCOTIA	14,820	-	1,883,163	-	-	306	-	2,057	-	35,440	2,017,257
E. BROWNS AND LA HAVE	294,998	-	6,610,371	-	-	-	-	12,682	-	108,123	8,943,921
SOUTHERN NOVA SCOTIA	280,496	-	4,022,057	-	-	2,700	-	6,613	-	128,182	5,144,566
WESTERN BROWNS	186,591	-	1,174,663	-	-	-	-	57,782	-	22,795	3,151,839
WESTERN NOVA SCOTIA	64,346	-	535,927	-	-	-	-	890	-	8,348	737,218
EASTERN MAINE	244,160	-	771,168	-	-	-	-	6,438	-	42,343	1,384,532
CENTRAL MAINE	26,497	-	1,077,268	-	-	1,190	-	117	-	39,575	1,231,752
WESTERN MAINE	1,115,831	400	3,312,636	-	-	95,580	12,925	11,540	-	54,573	6,880,732
EASTERN MASSACHUSETTS	2,241,942	3,600	743,896	-	-	929,593	62,822	10,405	-	46,825	5,595,383
INNER GROUNDS	911,918	-	29,677,436	-	550	85,189	7,998	2,674	-	809,674	34,122,199
NORTHERN GULF OF MAINE, UNCL.	-	-	59,900	-	-	-	-	-	-	2,000	61,900
WESTERN SIDE SOUTH CHANNEL	1,945,674	1,105	16,964,219	-	148	502,397	3,236	59,940	9,600	333,922	31,253,569
EASTERN SIDE SOUTH CHANNEL	341,700	195	9,982,784	-	-	10,754	2,430	15,463	-	236,957	17,703,373
NORTHERN EDGE OF GEORGES	85,293	-	400	-	-	-	-	24,990	-	1,645	4,428,615
CENTRAL AND S.E. GEORGES	179,545	-	9,000	-	-	-	-	10,342	158	4,690	7,109,437
SOUTHWEST GEORGES	28,005	3,125	-	70	-	-	-	2,420	2,573	775	7,697,303
NANTUCKET SHOALS & LHTSHIP	39,415	300	-	13,245	275	-	-	19,130	269	229,748	4,139,987
OFF NO MAN'S LAND	2,000	-	-	100	-	-	-	-	-	273,520	1,210,255
SOUTHERN MASSACHUSETTS	200	-	-	15,720	-	-	-	300	-	2,465	74,655
RHODE ISLAND SHORE	280	-	-	-	-	-	-	-	-	514	176,584
S. NEW ENGLAND, UNCLASSIFIED	142,580	350	61,840	6,780	-	-	-	16,910	74	11,375	5,076,191
SOUTH	400	-	-	1,480	-	-	-	-	30	14,340	354,560
CAPE COD 1/	1,193	-	-	3,775	-	-	-	3,525	-	8,714	208,625
TOTAL	8,490,354	9,075	114,729,647	41,170	3/973	1,627,709	89,411	289,382	3/12,704	2,809,591	191,490,471
OTTER TRAWLS, SMALL:											
SOUTHERN NOVA SCOTIA	-	-	73,000	-	-	-	-	-	-	3,000	76,500
EASTERN MAINE	200	-	-	-	-	-	-	1,000	-	-	7,350
CENTRAL MAINE	-	-	9,300	-	-	-	-	-	-	750	10,050
WESTERN MAINE	285,089	-	788,165	-	-	335,826	1,460	8,525	-	9,085	2,477,325
EASTERN MASSACHUSETTS	1,055,386	-	419,430	-	-	21,320,314	554,607	125,132	26	2,507,421	31,864,105
INNER GROUNDS	67,123	-	1,091,947	-	-	990	2,310	1,415	-	33,205	1,347,521
NORTHERN GULF OF MAINE, UNCL.	665	-	2,970	-	-	-	-	-	-	-	5,895
WESTERN SIDE SOUTH CHANNEL	149,721	715	1,509,004	3,975	-	857,495	16,225	48,247	-	15,153	7,730,841
EASTERN SIDE SOUTH CHANNEL	4,192	-	279,880	-	-	-	-	150	100	10,120	605,654
NORTHERN EDGE OF GEORGES	-	-	-	-	-	-	-	-	-	-	9,485
CENTRAL AND S.E. GEORGES	-	-	-	-	-	-	-	-	-	-	108,190
SOUTHWEST GEORGES	-	-	-	-	-	-	-	125	772	75	2,145,417
NANTUCKET SHOALS & LHTSHIP	24,650	630	-	34,430	-	-	-	8,375	1,236	36,000	10,591,638
OFF NO MAN'S LAND	4,255	-	-	55,290	248	325	-	-	60	112,539	6,774,804
SOUTHERN MASSACHUSETTS	-	-	-	709,450	-	-	-	320	-	42,163	1,864,842
RHODE ISLAND SHORE	1,200	-	-	-	-	-	-	-	33	3,260	2,304,713
S. NEW ENGLAND, UNCLASSIFIED	445										

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, SMALL - CONTINUED:											
SOUTH.	625	-	-	7,200	-	-	-	-	-	21,535	1,730,350
CAPE COD 1/.	186,076	-	516,775	591,076	371	4,642,016	9,957,143	140,737	2,363	611,956	22,411,305
TOTAL.	1,779,627	1,345	4,690,471	1,427,432	3/619	27,156,966	10,590,506	334,766	3/4,631	3,431,065	95,912,935
FLOATING TRAPS, EASTERN MASSACHUSETTS.	1,625	117,080	-	-	-	10,520	210,055	-	-	56,862	1,742,068
POUND NETS, CAPE COD 1/.	154,438	-	-	38,412	-	-	2,166,746	-	-	4,766,888	15,688,016
SINK GILL NETS:											
EASTERN MASSACHUSETTS.	2,897,084	70,250	-	-	-	-	280	85	-	18,970	4,983,734
CAPE COD 1/.	-	-	-	-	-	-	-	-	-	-	115
TOTAL.	2,897,084	70,250	-	-	-	-	280	85	-	18,970	4,983,849
DRIFT GILL NETS, EASTERN MASSACHUSETTS.	5,320	-	-	-	-	20,340	43,920	-	-	10,944	534,679
PURSE SEINES:											
CENTRAL MAINE.	-	-	-	-	-	-	-	-	-	-	119,250
WESTERN MAINE.	1,000	-	-	-	-	-	-	-	-	24,000	478,715
EASTERN MASSACHUSETTS.	35	-	-	-	-	17,100	-	-	-	90,920	16,758,520
WESTERN SIDE SOUTH CHANNEL . . .	-	-	-	-	-	-	-	-	-	46,045	3,715,712
EASTERN SIDE SOUTH CHANNEL . . .	-	-	-	-	-	-	-	-	-	-	57,625
NANTUCKET SHOALS & LHTSHIP . . .	-	-	-	-	-	-	-	-	-	-	358,150
OFF NO MAN'S LAND.	-	-	-	-	-	-	-	-	-	275	930,935
RHODE ISLAND SHORE	-	-	-	-	-	-	-	-	-	-	6,500
S. NEW ENGLAND, UNCLASSIFIED . .	-	-	-	-	-	-	-	-	-	120	687,090
SOUTH.	-	-	-	-	-	-	-	-	-	-	38,150
CAPE COD 1/.	-	-	-	-	-	-	-	-	-	-	329,730
TOTAL.	3/1,035	-	-	-	-	3/17,100	-	-	-	161,360	23,480,377
SCALLOP DREDGES:											
WESTERN BROWNS	-	-	-	-	-	-	-	-	5,481	-	5,481
EASTERN MASSACHUSETTS.	-	-	-	-	-	-	-	-	33,907	-	33,907
WESTERN SIDE SOUTH CHANNEL . . .	-	-	-	-	-	-	-	-	1,407,233	-	1,410,308
EASTERN SIDE SOUTH CHANNEL . . .	-	-	-	-	-	-	-	-	136,575	-	136,575
NORTHERN EDGE OF GEORGES	-	-	-	-	-	-	-	-	3,698,699	95	3,702,094
CENTRAL AND S.E. GEORGES	-	-	-	-	-	-	-	-	2,286,858	-	2,288,418
SOUTHWEST GEORGES.	-	-	-	-	-	-	-	-	104,066	45	104,231
NANTUCKET SHOALS & LHTSHIP . . .	-	-	-	-	-	-	-	-	1,987,263	140	1,991,883

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY GEAR AND SUBAREA, 1948 - Continued

GEAR AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SCALLOP DREDGES - CONTINUED:											
OFF NO MAN'S LAND.	-	-	-	-	-	-	-	-	45,472	-	45,522
S. NEW ENGLAND, UNCLASSIFIED . .	-	-	-	-	-	-	-	-	500,315	-	501,335
SOUTH.	-	-	-	-	-	-	-	-	177,294	-	177,294
CAPE COD 1/.	-	-	-	-	-	-	-	-	1,237,505	140	1,237,795
TOTAL.	-	-	-	-	-	-	-	-	11,620,668	420	11,634,843
GRAND TOTAL.	27,526,735	198,640	189,051,024	1,507,314	627,133	28,842,550	13,103,718	1,626,317	11,638,057	12,357,801	573,119,518

1/ REPRESENTS THE CATCH LANDED AT PROVINCETOWN, WOODS HOLE, CHATHAM, HYANNIS, HARWICH PORT, AND OTHER CAPE COD PORTS EAST OF BUZZARDS BAY. IT IS NOT POSSIBLE TO ALLOCATE THIS CATCH INTO THE SUBAREAS AS DATA ARE NOT COLLECTED ON THE AREA OF CAPTURE FOR THESE PORTS.

2/ EXCLUSIVE OF DUPLICATION, EXCEPT THAT CRAFT LANDING AT CAPE COD PORTS MAY BE DUPLICATED WITH CRAFT FISHING ELSEWHERE.

3/ INCIDENTAL CATCH.

NOTE:--OTTER TRAWLS ARE CLASSIFIED ACCORDING TO THE SIZE OF THE CRAFT. "SMALL" OTTER TRAWL CRAFT ARE THOSE 50 GROSS TONS CAPACITY OR UNDER; "MEDIUM", 51 GROSS TONS TO 150 GROSS TONS; AND "LARGE", 151 GROSS TONS OR GREATER. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. WHEN A CRAFT OPERATES IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH TAKEN IN EACH SUBAREA. "OCCASIONAL" AFTER THE NAME OF A SUBAREA INDICATES THAT THE CRAFT CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR.

COMPILED FROM DATA COLLECTED BY THE MASSACHUSETTS DIVISION OF MARINE FISHERIES AND THE FISH AND WILDLIFE SERVICE.

SUMMARY OF FISHERY: BY AREA AND SUBAREA, 1948

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND			
				LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOWTAIL	BLACKBACK
	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF GRAND BANK (XX), ST. PIERRE BANK	13	14.5	150	58,820	38,625	-	-	105,225	125	18,300	-
OFF NOVA SCOTIA (XXI):											
NORTHEAST CAPE BRETON	53	136.5	1,405	149,995	114,476	-	1,038	42,148	-	3,530	-
MISAINE BANK.	37	57.3	588	95,182	62,153	3,600	387	15,835	-	-	-
BANQUEREAU.	97	259.6	2,493	1,168,036	3,084,098	89,690	7,436	230,553	11,515	1,074,588	-
CANSO BANK.	57	114.8	1,211	124,097	80,578	115	13,244	91,894	-	2,170	-
MIDDLE GROUND	42	31.5	328	203,305	377,652	5,425	2,785	9,898	-	199,879	-
N.E. SABLE ISLAND BANK. . . .	44	61.0	556	345,602	638,635	29,390	852	1,200	13,635	1,148,101	3,900
S.E. SABLE ISLAND BANK. . . .	21	17.5	175	16,485	24,012	-	769	7,192	540	450	-
HORSESHOE GROUND.	61	97.0	985	541,995	677,289	9,505	20,324	43,824	1,850	245,890	350
S.W. SABLE ISLAND BANK. . . .	45	41.8	399	1,012,230	716,373	1,400	1,475	8,768	252	18,935	-
EASTERN NOVA SCOTIA	41	39.9	407	45,984	7,421	150	11,301	9,567	-	-	-
EMERALD BANK.	80	84.1	831	1,607,138	1,087,283	4,950	17,066	19,377	1,053	38,865	-
CENTRAL NOVA SCOTIA	30	25.6	259	31,761	11,703	-	8,114	8,148	40	900	-
E. BROWNS AND LA HAVE	111	172.3	1,795	521,396	381,366	5,268	84,826	47,695	2,680	4,306	900
SOUTHERN NOVA SCOTIA.	72	81.0	729	326,481	135,939	1,517	18,283	19,860	200	9,963	65
WESTERN BROWNS.	90	152.8	1,342	1,127,993	712,034	16,785	96,032	25,794	16,670	23,900	4,115
WESTERN NOVA SCOTIA	15	10.8	85	40,525	11,921	-	8,140	3,917	-	-	1,050
NOVA SCOTIA, UNCLASSIFIED . .	1	1.0	9	7,800	1,700	-	-	-	100	-	-
TOTAL	1/161	1,384.5	13,597	7,366,005	8,124,633	167,795	292,072	585,670	48,535	2,771,477	10,380
OFF NEW ENGLAND (XXII):											
EASTERN MAINE	24	20.5	177	61,060	47,121	-	11,723	1,433	500	7,783	800
CENTRAL MAINE	25	23.5	157	12,880	4,694	-	8,029	8,065	-	-	-
WESTERN MAINE	115	819.3	1,923	1,128,215	450,743	98,905	343,550	206,223	1,805	6,520	14,952
EASTERN MASSACHUSETTS	449	10,007.8	11,542	3,525,632	1,418,632	327,647	494,882	615,472	35,240	972,593	640,121
INNER GROUNDS	159	651.0	3,867	461,590	164,549	11,450	319,343	124,399	910	7,690	3,050
NORTHERN GULF OF MAINE, UNCL.	2	2.0	12	635	120	-	225	120	-	-	-
WESTERN SIDE SOUTH CHANNEL. .	398	1,802.8	8,387	1,479,645	2,481,336	654,658	232,055	311,645	231,065	281,685	2,927,362
EASTERN SIDE SOUTH CHANNEL. .	220	502.6	3,674	800,370	488,087	109,743	60,852	112,431	1,600,363	623,393	801,123
NORTHERN EDGE OF GEORGES. . .	187	1,079.4	9,157	4,884,404	5,744,295	650,645	58,671	25,985	782,007	149,055	255,248
CENTRAL AND S.E. GEORGES. . .	191	619.9	5,216	2,732,917	947,953	115,865	9,350	13,900	1,040,577	1,283,075	498,085
SOUTHWEST GEORGES	128	275.6	1,679	93,965	166,357	51,147	50	21,615	354,908	7,177,812	167,042
NANTUCKET SHOALS & LHTSHIP. .	273	1,447.7	6,689	77,130	632,935	722,485	350	21,820	276,865	6,476,266	4,127,110
OFF NO MAN'S LAND	213	1,090.9	3,216	20,545	112,070	28,850	-	6,010	13,545	4,459,216	956,724
SOUTHERN MASSACHUSETTS. . . .	80	226.5	708	4,405	29,220	1,855	-	-	525	1,534	1,008,705
RHODE ISLAND SHORE.	135	366.5	1,262	6,265	26,370	10,810	-	840	2,690	2,260,280	110,075
S. NEW ENGLAND, UNCLASSIFIED.	262	721.6	3,513	722,750	1,237,192	223,855	41,975	30,040	744,135	982,291	693,420
CAPE COD 2/	366	14,571.0	14,571	1,636,584	1,069,325	60,503	71,960	55,306	118,580	2,319,232	1,425,255
TOTAL	1/1,231	34,228.6	75,750	17,648,992	15,020,999	3,068,418	1,653,015	1,555,304	5,203,715	26,908,425	13,629,072
OFF MIDDLE ATLANTIC STATES (XXIII), SOUTH	103	191.4	868	2,595	5,600	1,150	-	985	250	1,728,940	98,490
GRAND TOTAL	1/1,244	35,819.0	90,365	25,076,412	23,189,857	3,237,363	1,945,087	2,247,184	5,252,625	31,427,142	13,737,942

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LANDINGS AT CERTAIN MASSACHUSETTS PORTS

SUMMARY OF FISHERY: BY AREA AND SUBAREA, 1948 - Continued

AREA AND SUBAREA	FLOUNDERS, ROUND-CONT'D.		HADDOCK			HAKE			HALIBUT, DRAWN	MACKEREL, ROUND
	DAB	FLUKE	DRAWN		ROUND, SCROD	RED, ROUND	WHITE, DRESSED			
			LARGE	SCROD			LARGE	SMALL		
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF GRAND BANK (XX), ST. PIERRE BANK	2,140	-	937,690	589,648	-	-	13,180	585	1,075	-
OFF NOVA SCOTIA (XXI):										
NORTHEAST CAPE BRETON	16,799	-	5,433	8,077	-	-	2,657	345	832	-
MISAINE BANK	14,672	-	1,450	2,098	-	-	805	1,141	137	-
BANQUEREAU	55,727	-	1,887,209	960,887	-	425	22,355	12,871	14,190	-
CANSO BANK	25,578	-	31,933	27,316	-	-	10,245	16,758	1,751	-
MIDDLE GROUND	21,210	-	143,112	63,389	-	-	6,322	6,540	1,540	-
N.E. SABLE ISLAND BANK	46,922	-	1,469,275	1,766,866	-	-	27,964	241	6,502	-
S.E. SABLE ISLAND BANK	2,578	-	20,088	37,396	-	-	3,403	3,109	1,630	-
HORSESHOE GROUND	26,777	-	2,681,751	1,268,865	-	930	93,449	31,114	8,640	1,890
S.W. SABLE ISLAND BANK	11,431	-	2,153,991	729,185	-	-	20,076	672	12,844	300
EASTERN NOVA SCOTIA	4,098	-	27,414	42,349	-	-	10,374	20,997	102	-
EMERALD BANK	11,695	-	3,417,377	1,314,292	-	-	50,604	14,926	26,155	-
CENTRAL NOVA SCOTIA	1,011	-	57,074	71,168	-	-	10,985	13,934	886	-
E. BROWNS AND LA HAVE	31,373	-	3,276,108	1,781,618	-	-	116,178	71,126	20,719	-
SOUTHERN NOVA SCOTIA	40,511	-	630,019	397,460	-	250	70,617	23,509	1,812	-
WESTERN BROWNS	19,250	-	6,773,685	3,178,348	-	1,515	67,370	9,363	20,386	900
WESTERN NOVA SCOTIA	1,061	-	49,226	30,035	-	-	11,815	6,267	-	-
NOVA SCOTIA, UNCLASSIFIED	20	-	12,800	4,100	-	-	300	-	-	-
TOTAL	330,713	-	22,637,945	11,683,449	-	3,120	525,519	232,913	118,126	3,090
OFF NEW ENGLAND (XXII):										
EASTERN MAINE	5,450	-	100,967	101,312	-	-	26,808	4,551	205	-
CENTRAL MAINE	4,479	-	23,616	7,739	-	-	5,542	12,061	-	119,250
WESTERN MAINE	159,491	-	994,254	385,364	-	9,897	1,122,756	137,939	4,876	488,175
EASTERN MASSACHUSETTS	829,266	180	1,566,845	817,434	-	35,981	2,260,626	472,688	9,789	18,465,240
INNER GROUNDS	90,817	-	1,314,667	404,877	-	725	228,982	260,110	3,791	80
NORTHERN GULF OF MAINE, UNCL.	20	-	425	170	-	-	335	210	-	-
WESTERN SIDE SOUTH CHANNEL	223,150	57,700	9,478,914	4,733,248	-	3,393	689,176	142,022	24,434	3,681,495
EASTERN SIDE SOUTH CHANNEL	187,513	745	6,686,432	4,726,871	-	295	176,972	78,214	25,481	72,732
NORTHERN EDGE OF GEORGES	91,862	80	14,422,587	18,583,195	-	-	193,045	43	75,159	64,250
CENTRAL AND S.E. GEORGES	55,115	475	6,022,220	8,101,750	1,000	200	50,185	275	15,083	9,265
SOUTHWEST GEORGES	8,565	2,645	2,098,450	1,622,257	-	150	7,105	-	7,885	1,560
NANTUCKET SHOALS & LHTSHIP.	9,145	1,071,367	1,085,420	591,920	-	33,710	102,860	2,930	3,108	362,460
OFF NO MAN'S LAND	150	577,165	95,710	1,800	-	1,125,117	43,305	2,780	-	1,036,270
SOUTHERN MASSACHUSETTS	265	78,140	30,725	12,315	-	30	1,040	120	-	-
RHODE ISLAND SHORE	-	9,225	15,365	26,375	-	80	6,000	1,635	-	6,500
S. NEW ENGLAND, UNCL.	68,055	56,700	3,777,846	4,191,875	-	2,932,963	169,545	165	25,892	693,645
CAPE COD 2/	62,625	332,235	2,248,506	91,700	-	1,391	291,339	69,355	62,608	8,897,324
TOTAL	1,795,968	2,186,657	49,962,949	44,400,202	1,000	4,143,932	5,375,621	1,185,098	258,311	33,898,246
OFF MIDDLE ATLANTIC STATES (XXIII), SOUTH	50	181,470	7,310	235	-	895	9,290	1,615	-	38,575
GRAND TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SUMMARY OF FISHERY: BY AREA AND SUBAREA, 1948 - Continued

AREA AND SUBAREA	POLLOCK		ROSEFISH (OCEAN PERCH), ROUND	SCUP OR PORGY, ROUND	SWORDFISH, DRESSED	WHITING		WOLFFISH, DRAWN	SCALLOPS (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
	DRAWN	ROUND				DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF GRAND BANK (XX), ST. PIERRE BANK	7,610	-	110,000	-	-	-	-	3,130	-	300	1,886,453
OFF NOVA SCOTIA (XXI):											
NORTHEAST CAPE BRETON	12,847	-	20,629,390	-	2,967	-	-	1,281	-	175,697	21,167,512
MISAINE BANK	15,141	-	8,998,153	-	275	-	-	1,375	-	50,490	9,262,894
BANQUEREAU	287,320	-	30,241,784	-	1,594	184	-	44,812	-	202,792	39,398,066
CANSO BANK	38,146	-	14,245,879	-	-	-	-	2,113	-	105,268	14,817,085
MIDDLE GROUND	36,804	-	3,017,464	-	-	-	-	8,548	-	19,925	4,123,798
N.E. SABLE ISLAND BANK	413,822	-	284,550	-	-	-	-	38,709	-	4,930	6,241,096
S.E. SABLE ISLAND BANK	44,866	-	2,795,730	-	-	-	-	449	-	43,730	3,002,427
HORSESHOE GROUND	802,278	-	5,760,414	-	-	-	-	92,674	-	66,717	12,376,526
S.W. SABLE ISLAND BANK	966,600	-	248,015	-	-	-	-	78,697	-	12,500	5,993,744
EASTERN NOVA SCOTIA	38,528	-	3,669,226	-	-	-	-	2,170	-	50,488	3,940,169
EMERALD BANK	1,590,411	-	2,328,149	-	-	-	-	82,296	-	24,440	11,636,077
CENTRAL NOVA SCOTIA	26,929	-	2,699,322	-	-	306	-	3,883	-	35,440	2,981,604
E. BROWNS AND LA HAVE	998,964	-	10,376,592	-	-	-	-	44,611	-	158,099	17,923,825
SOUTHERN NOVA SCOTIA	648,901	-	5,399,397	-	-	2,700	-	15,672	-	180,692	7,923,848
WESTERN BROWNS	1,548,796	-	1,288,528	-	38,411	-	-	228,557	5,481	26,005	15,229,918
WESTERN NOVA SCOTIA	104,749	-	597,427	-	-	-	-	890	-	14,738	881,761
NOVA SCOTIA, UNCLASSIFIED	5,500	-	-	-	-	-	-	150	-	-	32,470
TOTAL	7,580,602	-	112,580,020	-	43,247	3,190	-	646,887	5,481	1,171,951	176,932,820
OFF NEW ENGLAND (XXII):											
EASTERN MAINE	274,460	-	812,368	-	-	-	-	8,077	-	42,343	1,506,961
CENTRAL MAINE	26,497	-	1,036,568	-	-	1,190	-	117	-	40,325	1,361,052
WESTERN MAINE	1,546,230	1,290	4,100,801	-	-	436,201	16,685	27,055	-	98,232	11,780,159
EASTERN MASSACHUSETTS	6,706,335	190,930	1,214,816	-	460	22,300,848	872,134	194,515	33,933	2,956,508	66,958,747
INNER GROUNDS	1,179,846	-	34,887,313	-	550	87,979	10,308	6,675	-	855,694	40,425,395
NORTHERN GULF OF MAINE, UNCL.	665	-	62,870	-	-	-	-	-	-	2,000	67,795
WESTERN SIDE SOUTH CHANNEL	3,022,663	1,820	20,805,639	3,975	7,919	1,359,892	19,461	122,898	1,416,833	401,125	54,795,208
EASTERN SIDE SOUTH CHANNEL	1,577,230	195	12,405,629	-	19,238	10,904	2,430	40,917	136,675	250,678	30,995,513
NORTHERN EDGE OF GEORGES	3,198,383	-	64,325	-	145,744	-	-	245,837	3,698,699	15,390	53,348,909
CENTRAL AND S.E. GEORGES	811,430	-	52,520	-	135,441	-	-	35,460	2,287,016	8,300	24,227,457
SOUTHWEST GEORGES	59,180	3,125	-	70	33,460	-	-	6,145	107,433	1,460	11,992,386
NANTUCKET SHOALS & LHTSHIP	71,360	930	-	47,675	78,476	-	-	28,795	1,988,768	279,743	18,093,628
OFF NO MAN'S LAND	6,255	-	-	55,390	29,730	325	-	-	45,532	394,564	9,011,053
SOUTHERN MASSACHUSETTS	200	-	-	725,170	1,082	-	-	620	-	44,628	1,940,579
RHODE ISLAND SHORE	1,480	-	-	-	200	-	-	-	33	3,774	2,487,997
S. NEW ENGLAND, UNCLASSIFIED	998,885	350	351,380	32,791	14,117	-	58,761	65,840	500,462	37,408	18,552,338
CAPE COD 2/	456,399	-	516,775	633,563	117,224	4,642,021	12,123,939	193,349	1,239,868	5,717,503	44,454,469
TOTAL	19,937,498	198,640	76,361,004	1,498,634	583,641	28,839,360	13,103,718	976,300	11,455,252	11,149,675	391,999,646
OFF MIDDLE ATLANTIC STATES (XXIII), SOUTH	1,025	-	-	8,680	245	-	-	-	177,324	35,875	2,300,599
GRAND TOTAL	27,526,735	198,640	189,051,024	1,507,314	627,133	28,842,550	13,103,718	1,626,317	11,638,057	12,357,801	573,119,518

1/ EXCLUSIVE OF DUPLICATION EXCEPT THAT CRAFT LANDING AT CAPE COD PORTS MAY BE DUPLICATED WITH CRAFT FISHING ELSEWHERE.

2/ REPRESENTS THE CATCH LANDED AT PROVINCETOWN, WOODS HOLE, CHATHAM, HYANNIS, HARWICH PORT, AND OTHER CAPE COD PORTS EAST OF BUZZARDS BAY. IT IS NOT POSSIBLE TO ALLOCATE THIS CATCH INTO SUBAREAS AS DATA ARE NOT COLLECTED ON THE AREA OF CAPTURE FOR THESE PORTS.

NOTE:--THE ROMAN NUMERALS APPEARING IN THE ABOVE TABLE REFER TO THE NUMBERS GIVEN THOSE REGIONS BY THE NORTH AMERICAN COUNCIL OF FISHERY INVESTIGATIONS.

LANDINGS AT MAINE PORTS

In 1946, the Fish and Wildlife Service, in cooperation with the Maine Departmen Sea and Shore Fisheries, began to collect, compile, and publish monthly and annual on the landings of fish and shellfish in Maine. These data are published in detai 'Maine Landings' which is in the Current Fishery Statistics Series of reports issue the Service. In addition to the individual monthly reports, two annual summaries published in 1948, one listing the catch by month, (Current Fishery Statistics, 458) and the other listing the catch by gear and county, (Current Fishery Statist No. 484).

The data on Maine landings during 1948 represent the landed weight of the fi Figures on the landings of shellfish and marine products, other than fish, in all a represent the round weight of the catch except for bivalve mollusks, which are repo in pounds of meats.

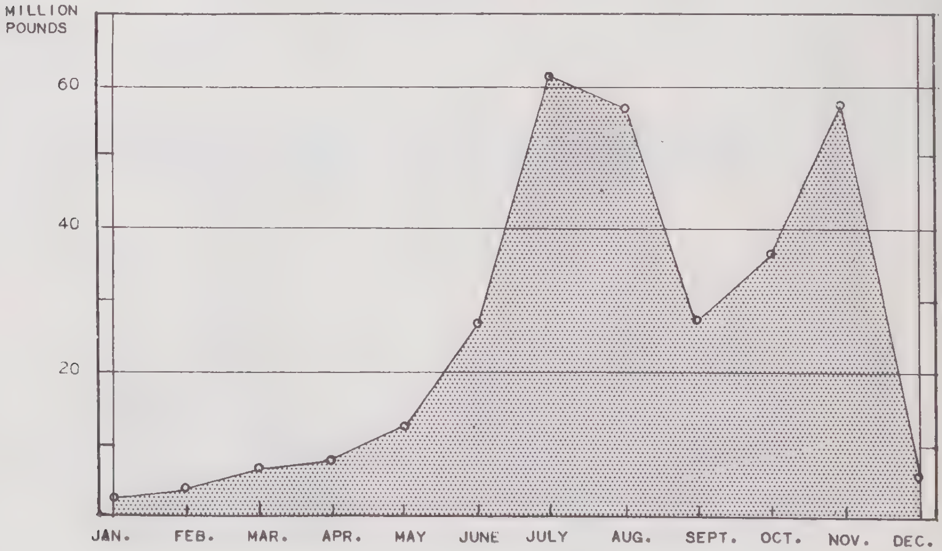
Landings of fishery products at Maine ports in 1948 totaled 305,037,517 pounds va at $16,183,596. This represented an increase of 38 percent in poundage and 26 per in value compared with the previous year.

Herring, used principally in canning Maine sardines, accounted for 60 percent of total poundage and 22 percent of the total value. Although lobsters accounted for 5 percent of the total catch, they represented 40 percent of the value, making them most valuable species taken.

Of the more important species, herring, rosefish, cod, haddock, white hake, poll mackerel, whiting, and soft clams registered important gains over 1947. The lobs fishery was the only major fishery that was appreciably smaller in 1948 than in previous year.

During the year 37,563,619 pounds of fish and shellfish, valued at $1,503,018 landed at Portland. Prior to 1947, these landings were included in the bullet entitled 'Landings at Certain New England Ports', summaries of which appear in annual Statistical Digests. To avoid duplication, beginning in 1947, data on Portl landings were omitted from these bulletins since the data appeared in the monthly annual Maine reports.

MAINE LANDINGS, BY MONTHS, 1948



LANDINGS AT MAINE PORTS BY MONTHS, 1948

SPECIES	JANUARY		FEBRUARY		MARCH		APRIL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
D:								
ROUND:								
LARGE	-	-	4,412	$226	5,252	$257	28,659	$567
MARKET	-	-	1,721	82	1,592	59	47,399	1,375
SCROD	-	-	147	7	723	14	3,536	35
DRAWN:								
LARGE	65,812	$6,844	88,390	8,893	128,676	8,532	644,650	31,772
MARKET	34,225	2,524	77,223	5,556	101,841	4,877	201,975	9,051
SCROD	2,516	90	5,460	158	10,619	324	35,871	1,079
DDOCK:								
ROUND:								
LARGE	-	-	-	-	-	-	6,987	591
SCROD	-	-	-	-	-	-	888	34
DRAWN:								
LARGE	161,168	20,085	103,653	12,277	261,703	19,438	424,169	34,523
SCROD	96,488	6,931	64,296	4,539	99,570	4,758	103,813	5,893
KE:								
RED, ROUND	100	5	285	18	2,445	60	2,080	63
WHITE:								
ROUND	-	-	75	3	-	-	1,600	51
DRAWN	4/75,171	8,737	63,353	6,442	59,831	5,004	127,776	9,246
LLOCK:								
ROUND	8,010	140	-	-	-	-	-	-
DRAWN	221,865	11,128	91,079	3,876	247,514	7,226	688,974	21,454
SK, DRAWN	14,366	1,358	28,411	2,705	67,211	4,079	104,160	5,642
LIBUT, DRAWN	193	63	1,217	402	[illegible]318	1,476	5,213	1,539
OUNDERS, ROUND:								
GRAY SOLE	12,881	1,194	33,678	3,163	61,194	4,956	68,494	4,240
LEMON SOLE	24	1	-	-	-	-	-	-
YELLOWTAIL	5,692	203	16,416	784	17,419	864	6,764	151
BLACKBACK	74,790	5,314	143,359	13,765	108,946	8,157	67,325	3,429
DAB	9,420	491	32,540	1,802	58,708	2,493	75,782	2,415
SEFISH(O.PERCH),ROUND	530,771	26,429	1,751,466	86,450	3,555,654	133,546	2,664,628	89,959
ITING:								
ROUND	375	17	-	-	-	-	2,488	59
DRESSED	-	-	-	-	-	-	12,317	617
OLFFISH (CATFISH):								
ROUND	-	-	55	2	3,181	125	-	-
DRAWN	2,376	90	5,200	354	15,282	896	38,596	1,637
ARK, DRESSED	1,527	91	1,315	96	75	8	145	10
AD, ROUND	-	-	-	-	80	8	-	-
LEWIVES, ROUND	-	-	-	-	-	-	2,090	23
ELT, ROUND	141,801	43,908	110,106	28,354	22,160	6,977	105,589	24,038
URGEON, DRAWN	-	-	-	-	-	-	32	8
ELS, ROUND	175	19	-	-	2,000	371	-	-
ATE WINGS	-	-	-	-	-	-	145	7
UCKERS, ROUND	378	38	2,565	374	1,200	132	-	-
SCELLANEOUS	14,875	402	22,798	872	4,891	377	5,775	260
TOTAL	1,474,999	136,102	2,649,220	181,200	4,838,085	215,014	5,477,920	249,768
SHELLFISH, ETC.								
BS	18,584	1,101	6,277	542	27,070	1,505	52,652	3,159
AMS:								
SOFT	430,916	81,915	470,996	87,335	619,842	124,315	1,367,489	224,728
HARD (QUAHOGS)	-	-	-	-	-	-	18,658	4,665
OBSTERS	472,239	201,033	432,657	193,262	426,020	223,033	668,574	306,879
HRIMP	-	-	1,600	240	24,437	2,843	1,288	39
CALLOPS, SEA	49,306	28,787	23,540	13,749	54,566	30,903	239	143
USSELS, SEA	4,800	320	8,985	899	28,210	1,983	26,484	3,652
ERIWINKLES	348	117	360	121	1,413	475	1,884	526
EA URCHINS (SEA EGGS)	6,020	343	5,100	301	6,770	287	10,480	412
LOODWORMS	-	-	92	121	4,769	3,967	73,393	56,374
ANDWORMS	-	-	-	-	-	-	1,968	1,046
IVERS	27,284	1,866	43,312	3,174	51,661	3,360	74,529	4,933
PAWN	420	30	905	136	1,274	139	678	96
TOTAL	1,009,917	315,512	993,824	299,880	1,246,032	392,810	2,298,316	606,652
GRAND TOTAL	2,484,916	451,614	3,643,044	481,080	6,084,117	607,824	7,776,236	856,420

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS BY MONTHS, 1948 - Continued

SPECIES	MAY		JUNE		JULY		AUGUST	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD:								
ROUND:								
LARGE	17,311	$542	73,585	$2,214	46,315	$1,391	3,899	$11
MARKET	92,393	3,289	117,278	2,787	16,620	390	885	1
SCROD	413	5	26,062	263	4,821	56	405	
DRAWN:								
LARGE	752,202	41,980	594,833	38,336	493,524	35,442	326,194	30,48
MARKET	357,960	13,497	253,460	8,855	159,132	5,331	167,559	6,24
SCROD	57,091	1,257	28,958	688	18,412	402	10,410	29
HADDOCK:								
ROUND:								
LARGE	394	27	12,397	637	13,601	818	3,943	19
SCROD	-	-	1,043	21	1,865	48	1,416	34
DRAWN:								
LARGE	320,110	25,906	556,910	35,621	334,843	23,082	489,311	37,318
SCROD	118,906	6,432	234,405	8,607	108,765	3,561	259,650	13,386
HAKE:								
RED, ROUND	2,660	166	10,790	333	4,500	119	17,220	778
WHITE:								
ROUND	2,618	84	184,159	3,683	494,062	8,078	291,092	4,378
DRAWN	449,725	28,189	664,958	20,359	672,340	17,313	497,857	17,046
POLLOCK:								
ROUND	5,450	107	18,794	251	48,241	1,037	6,882	160
DRAWN	379,705	13,528	777,486	15,709	623,585	15,137	649,358	22,800
CUSK, DRAWN	103,705	5,083	133,703	4,665	137,540	4,182	128,339	4,569
HALIBUT, DRAWN	6,381	1,850	10,120	2,964	5,568	1,551	1,876	584
MACKEREL, ROUND	34,406	2,870	515,102	26,100	711,156	34,363	1,468,749	66,456
FLOUNDERS, ROUND:								
GRAY SOLE	57,550	3,306	136,350	6,925	97,563	4,950	93,040	5,045
LEMON SOLE	525	39	675	34	202	7	3,245	325
YELLOWTAIL	6,592	178	30,118	2,056	365	13	140	6
BLACKBACK	27,137	906	26,294	902	11,989	389	24,233	1,010
DAB	70,177	2,103	92,457	2,656	59,027	1,636	41,177	1,168
OTHER	-	-	-	-	990	20	-	-
ROSEFISH (O.PERCH), ROUND	5,358,379	172,615	9,453,913	303,837	6,990,643	200,688	6,118,854	195,204
WHITING:								
ROUND	2,156	63	539,917	8,549	3,251,889	33,020	2,828,532	35,684
DRESSED	11,828	586	17,179	523	164,690	4,960	23,274	755
WOLFFISH (CATFISH), DRAWN	48,349	1,989	54,397	1,994	11,793	344	12,140	347
SHARK, DRESSED	5,170	250	6,756	220	5,309	163	10,122	292
SHAD, ROUND	-	-	206	8	345	11	118	4
TUNA, ROUND	-	-	2,449	403	24,128	2,537	107,641	9,453
ALEWIVES, ROUND	494,080	2,534	1,371,650	8,813	-	-	-	-
HERRING, ROUND	1,376,200	27,729	7,957,830	159,497	44,337,423	899,726	39,288,770	804,037
SMELT, ROUND	2,813	536	-	-	-	-	-	-
STURGEON, DRAWN	76	12	47	8	-	-	-	-
MENHADEN, ROUND	-	-	1,055	21	17,734	130	5,320	76
SKATE WINGS	550	28	-	-	-	-	-	-
MISCELLANEOUS	9,831	332	3,618	97	1,643	83	1,966	43
TOTAL	10,172,843	358,018	23,908,954	668,636	58,870,623	1,300,978	52,883,617	1,258,318
SHELLFISH, ETC.								
CRABS	26,856	1,560	52,540	3,043	37,166	2,058	41,869	2,202
CLAMS:								
SOFT	1,209,872	223,436	722,638	165,950	761,205	165,034	854,139	205,671
HARD (QUAHOGS)	17,622	3,012	44,022	9,245	46,664	9,889	99,396	21,084
LOBSTERS	982,476	355,942	861,482	336,346	1,193,370	421,634	2,446,177	962,392
SCALLOPS, SEA	8,779	4,126	9,331	4,033	8,009	4,147	17,016	9,462
MUSSELS, SEA	25,526	4,193	10,954	798	-	-	231	24
PERIWINKLES	1,440	405	1,673	593	4,560	1,520	2,513	484
SEA URCHINS (SEA EGGS)	1,500	61	-	-	-	-	-	-
BLOODWORMS	95,750	83,822	230,186	48,466	50,893	39,068	34,362	22,236
SANDWORMS	8,270	6,402	16,233	12,513	24,301	17,970	8,732	5,846
SEA MOSS	-	-	408,721	8,175	150,000	3,000	-	-
LIVERS	127,797	7,893	181,144	12,917	144,397	9,714	168,190	12,154
SPAWN	242	27	16	2	-	-	-	-
TOTAL	2,505,430	690,879	2,538,940	602,081	2,420,565	674,034	3,672,625	1,241,555
GRAND TOTAL	12,678,273	1,048,897	26,447,894	1,270,717	61,291,188	1,975,012	56,556,242	2,499,873

(CONTINUED ON NEXT PAGE)

LANDINGS AT MAINE PORTS BY MONTHS, 1948 - Continued

SPECIES	SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD:								
ROUND:								
LARGE.	4,347	$138	16,769	$747	7,138	$428	10,743	$645
MARKET	2,328	61	8,455	250	4,610	142	9,340	281
SCROD.	2,380	57	2,542	26	1,317	13	3,274	33
DRAWN:								
LARGE.	255,837	23,269	210,099	18,689	151,049	11,395	86,570	6,774
MARKET	106,240	3,796	128,887	5,557	114,446	5,458	101,265	4,650
SCROD.	6,912	252	22,115	664	10,032	470	9,304	371
HADDOCK:								
ROUND:								
LARGE.	7,864	630	8,464	515	39,056	2,998	9,842	689
SCROD.	634	22	2,426	73	3,434	145	287	9
DRAWN:								
LARGE.	368,044	30,970	505,744	44,807	464,489	41,483	348,315	29,356
SCROD.	118,780	5,922	148,220	7,190	124,351	6,252	121,054	6,165
HAKE:								
RED, ROUND	5,290	197	7,940	332	6,100	305	595	18
WHITE:								
ROUND.	126,283	2,712	19,905	486	15,623	389	5,229	131
DRAWN.	616,804	36,420	691,125	36,406	372,771	16,993	141,366	9,232
POLLOCK:								
ROUND.	2,534	30	25,364	668	644	16	1,042	21
DRAWN.	588,983	23,686	624,192	28,744	801,117	28,669	489,733	14,745
CUSK, DRAWN.	108,610	4,102	85,968	3,797	60,591	2,908	46,765	2,744
HALIBUT, DRAWN	1,068	339	1,339	407	3,371	1,097	1,093	326
MACKEREL, ROUND.	737,274	39,618	611,731	21,454	3,770	387	9,342	669
FLOUNDERS, ROUND:								
GRAY SOLE.	92,499	5,733	48,977	3,220	30,719	1,802	20,440	1,190
LEMON SOLE	775	41	200	20	-	-	2,720	163
YELLOWTAIL	-	-	6,989	498	12,767	946	14,456	1,646
BLACKBACK.	95,172	4,754	91,053	4,771	96,643	4,499	103,253	5,227
DAB.	39,349	1,217	43,327	1,429	25,724	1,006	16,181	515
ROSEFISH(O.PERCH),ROUND.	5,001,402	196,972	4,168,237	175,115	2,063,200	78,735	1,384,263	52,219
WHITING:								
ROUND.	1,170,629	18,013	582,741	9,675	33,376	627	70	1
DRESSED.	10,813	391	1,180	34	-	-	1,100	44
WOLFFISH (CATFISH), DRAWN	6,716	203	8,619	336	4,677	187	5,261	198
SHARK, DRESSED	7,319	194	8,119	211	2,640	56	922	30
SHAD, ROUND.	655	22	458	13	155	6	535	14
TUNA, ROUND.	93,760	6,563	1,160	139	-	-	-	-
HERRING, ROUND	12,416,170	252,261	24,874,390	503,441	50,165,077	800,580	2,045,095	39,184
SMELT, ROUND	25,069	4,877	99,377	21,678	24,835	4,732	10,486	2,191
STURGEON, DRAWN.	73	11	-	-	-	-	-	-
SWORDFISH, DRAWN	461	258	-	-	-	-	-	-
EELS, ROUND.	4,500	900	8,000	960	856	103	4,700	1,181
MISCELLANEOUS.	13,925	294	7,480	107	10,200	230	1,375	26
TOTAL.	22,039,499	664,925	33,071,592	892,459	54,654,778	1,013,057	5,006,016	180,688
SHELLFISH, ETC.								
CRABS.	29,662	2,339	20,929	1,078	9,879	479	16,602	812
CLAMS:								
SOFT	683,177	155,890	588,986	118,394	553,774	108,587	706,328	139,952
HARD(QUAHOGS).	24,937	5,486	35,949	6,708	-	-	1,429	259
LOBSTERS	2,882,946	1,090,065	2,441,399	1,049,850	1,956,263	834,970	1,159,450	464,068
SCALLOPS, SEA.	8,066	4,248	8,743	4,593	146,311	65,986	119,780	47,485
MUSSELS, SEA	3,597	288	1,472	97	-	-	13,870	1,111
PERIWINKLES.	1,170	625	1,784	357	2,376	940	252	50
SEA URCHINS (SEA EGGS) .	175	8	-	-	805	41	149,235	2,995
BLOODWORMS	39,856	24,846	25,736	15,674	13,650	10,470	-	-
SANDWORMS.	11,175	7,095	5,831	5,263	50	20	1,311	1,152
SEA MOSS	925,000	18,500	-	-	-	-	-	-
LIVERS	147,590	10,518	231,273	15,626	190,505	13,351	121,592	9,487
SPAWN.	-	-	252	19	9,463	506	11,092	742
TOTAL.	4,757,351	1,319,908	3,362,354	1,217,659	2,883,076	1,035,350	2,300,941	668,113
GRAND TOTAL. . . .	26,796,850	1,984,833	36,433,946	2,110,118	57,537,854	2,048,407	7,306,957	848,801

LANDINGS AT MAINE PORTS, 1948 and 1947

SPECIES	TOTAL			
	1948		1947	
	POUNDS	VALUE	POUNDS	VALUE
FISH				
COD:				
ROUND:				
LARGE.	218,430	$7,272	(1)	(1)
MARKET	302,621	8,734	(1)	(1)
SCROD.	45,620	513	(1)	(1)
DRAWN:				
LARGE.	3,797,836	262,408	4,205,109	$234,190
MARKET	1,804,213	75,396	(1)	(1)
SCROD.	217,700	6,052	(1)	(1)
HADDOCK:				
ROUND:				
LARGE.	102,548	7,103	(2)	(2)
SCROD.	11,993	386	(2)	(2)
DRAWN:				
LARGE.	4,338,459	354,866	3,388,860	231,641
SCROD.	1,598,298	79,636	(2)	(2)
HAKE:				
RED, ROUND	60,005	2,394	46,636	1,176
WHITE:				
ROUND.	1,140,646	19,995	(3)	(3)
DRAWN.	4,433,077	211,387	3,494,431	160,117
POLLOCK				
ROUND.	116,961	2,430	(5)	(5)
DRAWN.	6,183,591	206,702	4,310,107	137,551
CUSK, DRAWN.	1,014,369	45,834	567,132	26,984
HALIBUT, DRAWN	42,757	12,598	40,271	11,381
MACKEREL, ROUND.	4,091,530	191,917	1,689,724	55,608
FLOUNDERS, ROUND:				
GRAY SOLE.	753,385	45,724	616,837	29,647
LEMON SOLE	8,366	630	13,266	419
YELLOWTAIL	117,718	7,345	91,116	2,890
BLACKBACK.	870,194	53,123	606,108	25,266
DAB.	563,869	18,931	380,746	11,167
OTHER.	990	20	60	2
ROSEFISH(O.PERCH),ROUND.	49,041,410	1,711,769	39,988,130	1,224,090
WHITING:				
ROUND.	8,412,173	105,708	6,015,299	73,658
DRESSED.	242,381	7,910	(6)	(6)
WOLFFISH (CATFISH):				
ROUND.	3,236	127	(7)	(7)
DRAWN.	213,406	8,575	118,396	3,148
SHARKS, DRESSED.	49,419	1,621	79,356	3,939
SHAD, ROUND.	2,552	86	304,395	6,223
TUNA, ROUND.	229,138	19,095	186,630	13,013
ALEWIVES, ROUND.	1,867,820	11,370	1,498,900	11,674
HERRING, ROUND	182,460,955	3,486,455	121,317,640	1,515,504
SMELT, ROUND	542,236	137,291	599,626	139,608
STURGEON, DRAWN.	228	39	313	50
SWORDFISH, DRAWN	461	258	245	110
EELS, ROUND.	20,231	3,534	19,200	3,240
MENHADEN, ROUND.	24,109	227	14,000	140
SKATE WINGS.	695	35	225	5
SUCKERS, ROUND	4,143	544	-	-
SALMON	-	-	3,600	2,160
MISCELLANEOUS.	98,377	3,123	63,495	2,167
TOTAL.	275,048,146	7,119,163	189,659,853	3,926,768
SHELLFISH, ETC.				
CRABS.	340,086	19,878	320,169	16,136
CLAMS:				
SOFT	8,969,362	1,801,207	7,898,292	1,496,642
HARD (QUAHOGS)	288,677	60,348	96,302	27,662
LOBSTERS	15,923,053	6,439,474	18,277,093	6,816,196
SHRIMP	27,325	3,122	193,699	10,571
SCALLOPS, SEA.	453,686	217,662	507,032	257,476
MUSSELS, SEA	124,129	13,365	40,260	859
PERIWINKLES.	19,773	6,213	38,813	4,566

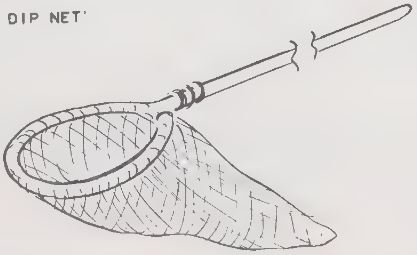
SEE FOOTNOTES AT END OF TABLE

CONTINUED ON NEXT PAGE

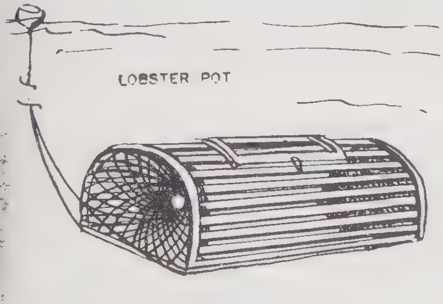
LANDINGS AT MAINE PORTS, 1948 and 1947 - Continued

SPECIES	TOTAL			
	1948		1947	
ELLFISH, ETC. - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
D.	-	-	525	$9
URCHINS (SEA EGGS)	180,085	$4,448	57,777	2,499
OWORMS	567,987	305,044	163,633	144,530
WORMS.	77,871	57,307	51,157	37,086
MOSS	1,483,721	29,675	1,643,607	40,070
RS	1,509,274	104,993	1,340,100	85,624
N.	24,342	1,697	56,832	3,395
TOTAL.	29,989,371	9,064,433	30,685,291	8,943,321
GRAND TOTAL.	305,037,517	16,183,596	220,345,144	12,870,089

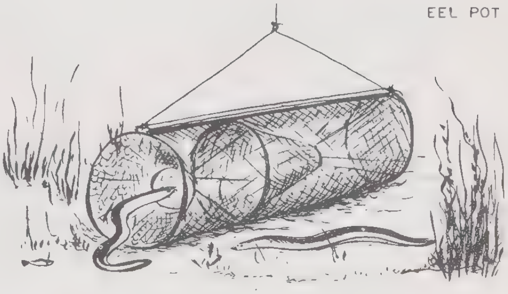
NCLUDED WITH COD, DRAWN, LARGE.
NCLUDED WITH HADDOCK, DRAWN, LARGE.
NCLUDED WITH HAKE, WHITE, DRAWN.
EVISE .
NCLUDED WITH POLLOCK, DRAWN.
NCLUDED WITH WHITING, ROUND.
NCLUDED WITH WOLFFISH, (CATFISH) DRAWN.



DIP NET



LOBSTER POT



EEL POT

HERRING WEIR

SECTION 3.- MIDDLE ATLANTIC FISHERIES

(Area XXIII)[4]

Although the fisheries of the coastal areas of the Middle Atlantic States (New Yo New Jersey, Pennsylvania and Delaware) during 1948 showed a decrease of over 131 mill pounds compared with the previous year, the value of the catch to the fishermen $216,924 greater. The menhaden catch during 1948, which amounted to 389,188,200 pou was nearly 120 million pounds under the record catch of the previous year. The la ings of some of the more important food fish, such as haddock, red hake, herri mackerel, sea trout (weakfish), and whiting, showed a marked decrease compared with banner 1947 catch, however, a few species recorded important gains. These included bass, scup or porgy, scallops and lobsters.

The 1948 catch of fish and shellfish in the coastal areas of the Middle Atlan States totaled 500,992,200 pounds, valued at $28,641,981, to the fishermen. This rep sented a decrease of 21 percent in quantity but an increase of 1 percent in value c pared with 1947.

New Jersey, with 216,803,000 pounds, valued at $10,871,685, had the largest prod tion in the section; followed by Delaware with 154,482,200 pounds, valued at $3,547,9 and New York, with 129,707,000 pounds, valued at $14,222,363.

There was no commercial catch in the coastal area of Pennsylvania during 1948

Menhaden was the most important species taken in the Middle Atlantic States duri 1948 from the standpoint of quantity, accounting for 78 percent of the total catch, 17 percent of the total value. The production of shellfish, consisting principally clams, oysters and scallops, accounted for 9 percent of the total poundage and 58 pe cent of the total value. The most valuable finfish used for food were sea bass a fluke.

The number of fishermen operating in the Middle Atlantic States increased from 15, in 1947, to 15,662 in 1948. During the same period, the number of fishing vessels over five net tons increased from 591 to 629. Ten years before, in 1938, the number men was only 7,549 and the number of vessels, 409.

The production of canned fishery products and byproducts in New York and New Jerse Pennsylvania, and Delaware during 1948 was valued at $21,209,910 to the processors - decrease of 20 percent compared with the previous year. The most valuable item pr duced was canned clam products, valued at 5.2 million dollars. Marine-pearl button worth $4,857,512 were in second place, followed by menhaden oil valued at $4,778,31 A total of 15 plants were engaged in the canning of fishery products in these states 1948 while 38 processed fishery byproducts.

Approximately 9.3 million pounds of packaged fish were processed in the Middle A lantic States during 1948. Flounders and haddock were the most important species pac aged. While there was a gain in the production of packaged fish in this area duri 1948 compared with the previous year, the yield would have been greater had not comp tition with fillets from New England and foreign countries prevented operations on larger scale.

The last complete survey of the fishery transporting, wholesaling, and manufacturi industries was made for 1940. In that year, 215 men were employed in the operation 72 vessels and boats engaged in the transporting trade, and 5,880 persons were employ in wholesale and manufacturing establishments. The latter employees received $6,736,5 in salaries and wages during 1940. Detailed statistics on these branches of the indu try for that year can be found in Fishery Statistics of the United States, 1944, (St tistical Digest No. 16.

Condensed summary data of the operating units and catch by states of the Midd Atlantic fisheries, appearing in the following pages, have previously been published Current Fishery Statistics No. 586.

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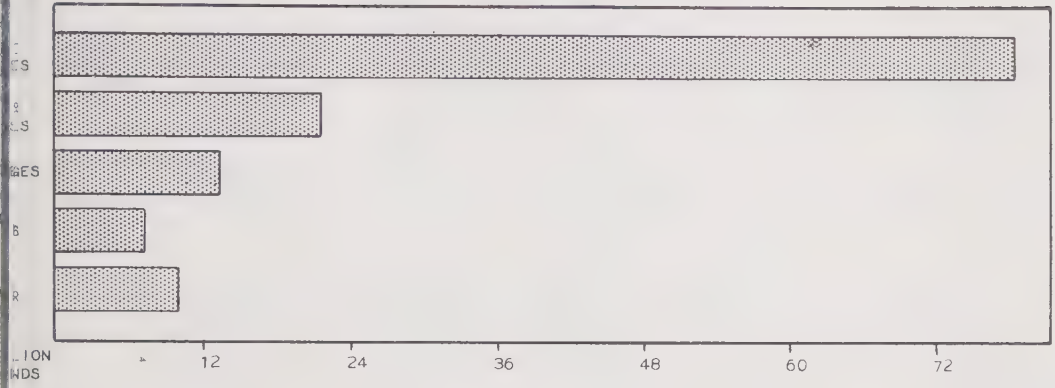
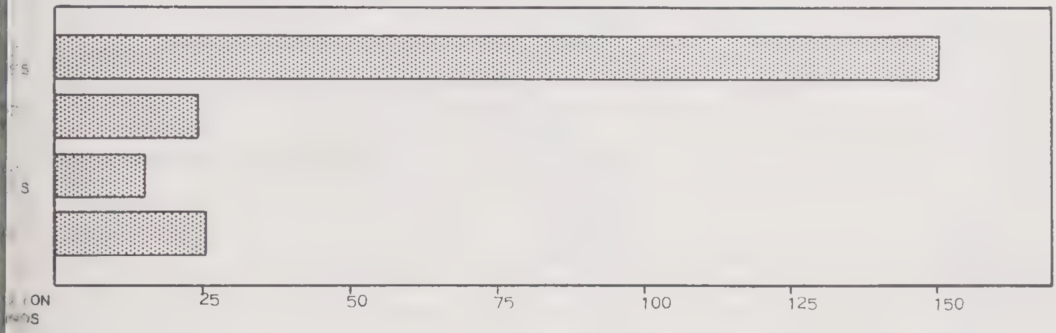
[4] *This number was assigned to this area by the North American Council on Fishe Investigations. It should be explained that there are included in this area cra whose principal fishing ports are in the area but at times fish elsewhere. A notab example is the southern trawl fishery which extends into Area XXIV.*

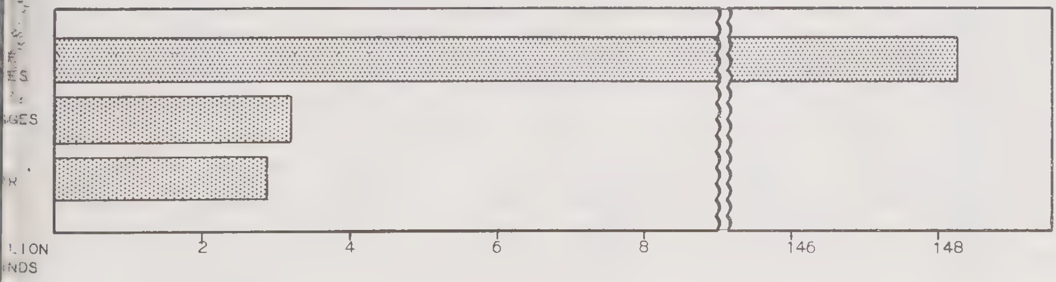
NEW YORK: CATCH BY GEAR, 1948



NEW JERSEY: CATCH BY GEAR, 1948



DELAWARE: CATCH BY GEAR, 1948



SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1948

PRODUCT	NEW YORK		NEW JERSEY	
	POUNDS	VALUE	POUNDS	VALUE
FISH	106,547,000	$4,393,436	199,581,200	$5,502,9
SHELLFISH, ETC.	23,160,000	9,828,927	17,221,800	5,368,7
TOTAL	129,707,000	14,222,363	216,803,000	10,871,6

PRODUCT	DELAWARE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
FISH	149,990,000	$2,250,688	456,118,200	$12,147,0
SHELLFISH, ETC.	4,492,200	1,297,245	44,874,000	16,494,9
TOTAL	154,482,200	3,547,933	500,992,200	28,641,9

SUMMARY OF OPERATING UNITS, 1948

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	854	2,265	897	4,0
ON BOATS AND SHORE:				
REGULAR	3,182	1,347	166	4,6
CASUAL	5,141	1,553	257	6,9
TOTAL	9,177	5,165	1,320	15,6
VESSELS:				
MOTOR	206	359	63	6
NET TONNAGE	4,260	6,503	2,619	13,3
STEAM	-	-	1	
NET TONNAGE	-	-	46	
TOTAL VESSELS	206	359	64	6
TOTAL NET TONNAGE	4,260	6,503	2,665	13,4
BOATS:				
MOTOR	3,826	1,530	202	5,5
OTHER	408	1,012	127	1,5
ACCESSORY BOATS	40	64	78	1
APPARATUS:				
PURSE SEINES:				
MENHADEN	8	20	26	
LENGTH, YARDS	3,200	6,240	10,400	19,8
OTHER	-	2	63	
LENGTH, YARDS	-	800	19,500	20,3
HAUL SEINES, COMMON	141	30	-	1
LENGTH, YARDS	85,504	4,200	-	89,7
GILL NETS:				
DRIFT	245	784	37	1,0
SQUARE YARDS	806,300	1,109,188	43,300	1,958,7
RUNAROUND	-	35	12	
SQUARE YARDS	-	56,000	19,200	75,2
STAKE	155	220	24	3
SQUARE YARDS	91,000	273,080	23,600	387,6
LINES:				
HAND	1,007	1,040	-	2,0
HOOKS	1,628	1,178	-	2,8
TRAWL OR TROT WITH HOOKS	91	788	-	8
HOOKS	24,760	263,100	-	287,8
TROLL	3	90	-	
HOOKS	3	94	-	
TROT WITH BAITS OR SNOODS	-	44	96	1
BAITS OR SNOODS	-	34,000	75,600	109,6
POUND NETS	161	122	-	2
WEIRS	-	42	-	
STOP NETS	-	5	-	
SQUARE YARDS	-	2,500	-	2,5
FYKE NETS, FISH	441	339	88	8
DIP NETS, COMMON	9	23	42	
OTTER TRAWLS, FISH	188	107	10	3
YARDS AT MOUTH	3,072	2,168	137	5,3
BEAM TRAWLS	-	21	-	
YARDS AT MOUTH	-	35	-	
POTS:				
CONCH	2,000	-	-	2,0
CRAB	-	-	480	4
EEL	1,766	1,228	200	3,1
FISH	943	20,200	-	21,1
LOBSTER	11,092	7,821	-	18,9

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1948 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:				
HARPOONS	26	-	-	26
DREDGES:				
CLAM	55	38	-	93
YARDS AT MOUTH	42	42	-	84
CRAB	-	33	38	71
YARDS AT MOUTH	-	66	76	142
OYSTER, COMMON	54	282	56	392
YARDS AT MOUTH	77	378	84	539
SCALLOP	68	16	-	84
YARDS AT MOUTH	142	61	-	203
TONGS:				
OYSTER	1,182	194	130	1,506
OTHER	6,463	769	20	7,252
RAKES, OTHER THAN FOR OYSTERS	979	964	60	2,003
HOES	-	235	-	235

CATCH BY STATES, 1948

SPECIES	NEW YORK		NEW JERSEY	
FISH	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	132,000	$3,948	171,200	$5,136
AMBERJACK	-	-	3,000	300
ANGLERFISH	-	-	11,700	351
BLUEFISH	240,400	60,921	611,300	183,390
BUTTERFISH	900,900	135,135	1,286,500	141,685
CARP	177,800	11,699	19,000	1,570
CATFISH AND BULLHEADS	28,600	3,215	44,100	3,818
COD	1,743,300	217,878	1,279,600	217,262
CROAKER	-	-	339,300	50,895
DOLPHIN	100	3	-	-
DRUM, BLACK	-	-	23,500	1,175
EELS:				
COMMON	232,400	43,356	90,300	9,180
CONGER	5,600	125	27,700	831
FLOUNDERS:				
GRAY SOLE	42,000	2,900	13,300	1,064
YELLOWTAIL	2,728,000	341,070	50,400	5,040
BLACKBACK	1,535,800	116,646	154,400	6,560
DAB	17,500	500	13,100	546
FLUKE	2,307,500	509,365	3,043,900	456,585
UNCLASSIFIED	-	-	26,500	2,355
FRIGATE MACKEREL	66,700	2,678	8,600	425
GIZZARD SHAD	-	-	20,600	618
GRAYFISH	3,000	150	-	-
HADDOCK	1,757,600	210,900	10,100	707
HAKE:				
RED	173,800	6,248	647,000	12,940
WHITE	87,300	9,530	87,100	4,345
HALIBUT	4,400	800	-	-
HERRING, SEA	22,000	650	1,658,200	49,746
HICKORY SHAD	-	-	800	24
KING MACKEREL	-	-	7,100	710
KING WHITING OR "KINGFISH"	16,800	1,350	62,500	5,919
MACKEREL	2,561,800	324,695	5,234,800	418,184
MENHADEN	76,852,000	777,527	164,033,700	1,991,899
MULLET	-	-	1,200	36
POLLOCK	98,300	7,862	2,700	189
SCUP OR PORGY	6,152,000	492,345	8,347,500	289,960
SEA BASS	2,308,400	347,588	4,833,700	695,919
SEA ROBIN	4,600	82	8,700	204
SEA TROUT OR WEAKFISH, GRAY	1,002,400	200,458	3,305,800	396,405
SHAD	1,393,200	193,734	1,853,200	377,110
SHARKS	6,200	310	52,800	1,584
SILVERSIDES	253,500	15,210	-	-
SKATES	11,800	827	27,600	828
SMELT	500	150	-	-
SPOT	-	-	6,800	344
STRIPED BASS	355,900	104,403	40,500	10,125
STURGEON	19,300	4,473	5,600	1,545
SUCKERS	34,800	915	300	9
SUNFISH	1,700	185	-	-
SWELLFISH	996,800	49,759	140,500	5,620
SWORDFISH	44,700	24,650	700	350
TAUTOG	4,700	335	48,000	1,440

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

SPECIES	NEW YORK		NEW JERSEY	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
TILEFISH	562,600	$56,300	53,200	$5,852
TOMCOD	200	30	-	-
TUNA AND TUNALIKE FISHES:				
BLUEFIN	72,100	9,100	47,100	9,420
BONITO	10,300	2,024	28,500	4,265
LITTLE	28,300	3,500	556,800	55,680
TOTAL TUNA	110,700	14,624	632,400	69,365
WHITE BAIT	10,600	2,656	-	-
WHITE PERCH	33,000	3,161	41,700	2,909
WHITING	843,900	50,926	798,100	47,886
WOLFFISH	3,400	75	190,000	11,400
YELLOW PERCH	21,700	1,419	1,400	140
UNCLASSIFIED:				
FOR FOOD	415,800	37,520	209,500	10,455
OTHER	219,000	2,150	-	-
TOTAL	106,547,000	4,393,436	199,581,200	5,502,935
SHELLFISH, ETC.				
CRABS, BLUE:				
HARD	14,700	2,032	659,900	98,865
SOFT AND PEELERS	-	-	3,000	1,050
HORSESHOE CRABS	-	-	940,000	3,825
LOBSTERS, NORTHERN	361,400	161,285	397,300	169,977
SHRIMP	-	-	100,000	50,000
CLAMS:				
HARD, PUBLIC	7,270,800	2,424,183	3,974,200	1,589,680
HARD, PRIVATE	-	-	32,400	12,960
SOFT, PUBLIC	222,700	70,615	3,250,000	568,750
SURF OR SKIMMER	3,520,900	366,000	177,000	23,110
TOTAL CLAMS	11,014,400	2,860,798	7,433,600	2,194,500
CONCHS	133,600	35,624	98,000	14,700
MUSSELS, SEA	266,700	62,665	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING	47,800	32,020	29,200	11,680
PUBLIC, FALL	32,600	21,795	29,000	11,600
PRIVATE, SPRING	3,333,200	2,222,133	2,856,000	1,142,400
PRIVATE, FALL	3,538,400	2,445,597	3,074,100	1,229,640
TOTAL OYSTERS	6,952,000	4,721,545	5,988,300	2,395,320
SCALLOPS:				
BAY	44,100	52,908	-	-
SEA	3,318,200	1,825,545	835,100	375,495
SQUID	1,054,900	106,525	765,600	64,968
TURTLES, SNAPPER	-	-	1,000	50
TOTAL	23,160,000	9,828,927	17,221,800	5,368,750
GRAND TOTAL	129,707,000	14,222,363	216,803,000	10,871,685

SPECIES	DELAWARE		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	5,500	$165	308,700	$9,249
AMBERJACK	-	-	3,000	300
ANGLERFISH	-	-	11,700	351
BLUEFISH	5,400	1,620	857,100	245,931
BUTTERFISH	7,800	702	2,195,200	277,522
CARP	2,000	180	198,800	13,449
CATFISH AND BULLHEADS	-	-	72,700	7,033
COD	5,400	864	3,028,300	136,004
CROAKER	32,300	3,230	371,600	54,125
DOLPHIN	-	-	100	3
DRUM, BLACK	2,800	140	26,300	1,315
EELS:				
COMMON	18,200	1,820	340,900	54,356
CONGER	-	-	33,300	956
FLOUNDERS:				
GRAY SOLE	-	-	55,300	3,964
YELLOWTAIL	-	-	2,778,400	346,110
BLACKBACK	32,000	960	1,722,200	124,166
DAB	-	-	30,600	1,046
FLUKE	15,000	3,000	5,366,400	968,950
UNCLASSIFIED	3,200	320	29,700	2,675

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

SPECIES	DELAWARE		TOTAL	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
FRIGATE MACKEREL	-	-	75,300	$3,103
GIZZARD SHAD	-	-	20,600	618
GRAYFISH	-	-	3,000	150
HADDOCK	-	-	1,767,700	211,607
HAKE:				
RED	158,000	$4,740	978,800	23,928
WHITE	300	15	174,700	13,890
HALIBUT	-	-	4,400	800
HERRING, SEA	20,200	606	1,700,400	51,002
HICKORY SHAD	3,000	90	3,800	114
KING MACKEREL	11,200	896	18,300	1,606
KING WHITING OR "KINGFISH"	-	-	79,300	7,269
MACKEREL	1,000	80	7,797,600	742,959
MENHADEN	148,302,500	2,053,152	389,188,200	4,822,578
MULLET	65,400	1,962	66,600	1,998
POLLOCK	-	-	101,000	8,051
SCUP OR PORGY	80,000	2,400	14,579,500	784,705
SEA BASS	1,800	270	7,143,900	1,043,777
SEA ROBIN	-	-	13,300	286
SEA TROUT OR WEAKFISH, GRAY	639,600	51,168	4,947,800	648,031
SHAD	52,900	13,297	3,299,300	584,141
SHARKS	-	-	59,000	1,894
SILVERSIDES	-	-	253,500	15,210
SKATES	-	-	39,400	1,655
SMELT	-	-	500	150
SPOT	65,000	9,750	71,800	10,094
STRIPED BASS	360,900	90,225	757,300	204,753
STURGEON	1,300	465	26,200	6,483
SUCKERS	-	-	35,100	924
SUNFISH	-	-	1,700	185
SWELLFISH	-	-	1,137,300	55,379
SWORDFISH	-	-	45,400	25,000
TAUTOG	-	-	52,700	1,775
TILEFISH	-	-	615,800	62,152
TOMCOD	-	-	200	30
TUNA AND TUNALIKE FISHES:				
BLUEFIN	-	-	119,200	18,520
BONITO	-	-	38,800	6,289
LITTLE	-	-	585,100	59,180
TOTAL TUNA	-	-	743,100	83,989
WHITE BAIT	-	-	10,600	2,656
WHITE PERCH	51,100	6,132	125,800	12,202
WHITING	12,900	774	1,654,900	99,586
WOLFFISH	-	-	193,400	11,475
YELLOW PERCH	-	-	23,100	1,559
UNCLASSIFIED:				
FOR FOOD	33,300	1,665	658,600	49,640
OTHER	-	-	219,000	2,150
TOTAL	149,990,000	2,250,688	456,118,200	12,147,059
SHELLFISH, ETC.				
CRABS, BLUE:				
HARD	1,459,000	152,950	2,133,600	253,847
SOFT AND PEELERS	8,700	2,700	11,700	3,750
HORSESHOE CRABS	-	-	940,000	3,825
LOBSTERS, NORTHERN	-	-	758,700	331,262
SHRIMP	-	-	100,000	50,000
CLAMS:				
HARD, PUBLIC	112,600	44,820	11,357,600	4,058,683
HARD, PRIVATE	45,000	18,000	77,400	30,960
SOFT, PUBLIC	-	-	3,472,700	639,365
SURF OR SKIMMER	-	-	3,697,900	389,110
TOTAL CLAMS	157,600	62,820	18,605,600	5,118,118
CONCHS	2,400	360	234,000	50,684
MUSSELS, SEA	-	-	266,700	62,665
OYSTERS, MARKET:				
PUBLIC, SPRING	-	-	77,000	43,700
PUBLIC, FALL	1,500,000	568,000	1,561,600	601,395
PRIVATE, SPRING	-	-	6,189,200	3,364,533
PRIVATE, FALL	1,350,000	509,400	7,962,500	4,184,637
TOTAL OYSTERS	2,850,000	1,077,400	15,790,300	8,194,265
SCALLOPS:				
BAY	-	-	44,100	52,908
SEA	-	-	4,153,300	2,201,040
SQUID	14,500	1,015	1,835,000	172,508
TURTLES, SNAPPER	-	-	1,000	50
TOTAL	4,492,200	1,297,245	44,874,000	16,494,922
GRAND TOTAL	154,482,200	3,547,933	500,992,200	28,641,981

SUPPLEMENTARY REVIEW OF THE CATCH OF CERTAIN SHELLFISH, 1948

ITEM		NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:									
HARD	NUMBER	44,100	$2,032	1,979,000	$98,865	4,377,000	$152,950	6,400,100	$253,847
SOFT	DO	-	-	12,000	1,050	34,800	2,700	46,800	3,750
HORSESHOE CRABS	DO	-	-	313,333	3,825	-	-	313,333	3,825
CLAMS:									
HARD, PUBLIC	BUSHELS	605,900	2,424,183	441,578	1,589,680	12,511	44,820	1,059,989	4,058,683
HARD, PRIVATE	DO	-	-	3,600	12,960	5,000	18,000	8,600	30,960
SOFT, PUBLIC	DO	13,919	70,615	162,500	568,750	-	-	176,419	639,365
SURF	DO	293,408	366,000	14,750	23,110	-	-	308,158	389,110
CONCHS	DO	8,907	35,624	7,000	14,700	171	360	16,078	50,684
MUSSELS, SEA	DO	26,670	62,665	-	-	-	-	26,670	62,665
OYSTERS, MARKET:									
PUBLIC, SPRING	DO	6,373	32,020	4,171	11,680	-	-	10,544	43,700
PUBLIC, FALL	DO	4,347	21,795	4,143	11,600	250,000	568,000	258,490	601,395
PRIVATE, SPRING	DO	444,427	2,222,133	408,000	1,142,400	-	-	852,427	3,364,533
PRIVATE, FALL	DO	471,787	2,445,597	439,157	1,229,640	225,000	509,400	1,135,944	4,184,637
SCALLOPS:									
BAY	DO	8,820	52,908	-	-	-	-	8,820	52,908
SEA	DO	553,033	1,825,545	139,183	375,495	-	-	692,216	2,201,040

NOTE:--BUSHELS REPRESENT U. S. STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1948

ITEM		NEW YORK	NEW JERSEY	DELAWARE
		QUANTITY	QUANTITY	QUANTITY
CRABS, BLUE:				
HARD	NUMBER PER POUND	3.00	3.00	3.00
SOFT	DO	-	4.00	4.00
HORSESHOE CRABS	POUNDS PER CRAB	-	3.00	-
CLAMS:				
HARD, PUBLIC	LBS. OF MEATS PER U.S. STANDARD BUSHEL	12.00	9.00	9.00
HARD, PRIVATE	DO	-	9.00	9.00
SOFT, PUBLIC	DO	16.00	20.00	-
SURF	DO	12.00	12.00	-
CONCHS	DO	15.00	14.00	14.00
MUSSELS, SEA	DO	10.00	-	-
OYSTERS, MARKET:				
PUBLIC, SPRING	DO	7.50	7.00	-
PUBLIC, FALL	DO	7.50	7.00	6.00
PRIVATE, SPRING	DO	7.50	7.00	-
PRIVATE, FALL	DO	7.50	7.00	6.00
SCALLOPS:				
BAY	DO	5.00	-	-
SEA	DO	6.00	6.00	-

MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS 1/

ITEM	YEAR	UNIT	NEW YORK QUANTITY	NEW YORK VALUE	NEW JERSEY, DELAWARE AND PENNSYLVANIA QUANTITY	NEW JERSEY, DELAWARE AND PENNSYLVANIA VALUE
BY MANUFACTURING ESTABLISHMENTS:						
BUFFALOFISH, SMOKED	1940	POUNDS	315,000	$68,700	-	-
BUTTERFISH, SMOKED.	1940	DO	290,700	56,740	80,850	$27,447
CARP, SMOKED.	1940	DO	40,000	12,900	60,500	24,650
CHUB, CISCO, AND TULLIBEE, SMOKED.	1940	DO	1,710,000	477,000	508,000	217,600
COD:						
FRESH AND FROZEN FILLETS. . .	1948	DO	2,212,500	768,350	187,660	52,809
SALTED FILLETS.	1940	DO	-	-	685,200	205,560
SMOKED FILLETS.	1940	DO	64,600	12,920	-	-
EELS, COMMON, SMOKED.	1940	DO	100,000	28,100	4,100	1,360
FLOUNDERS, FRESH AND FROZEN FILLETS	1948	DO	3,233,500	1,388,304	219,395	89,584
HADDOCK:						
FRESH AND FROZEN FILLETS. . .	1948	DO	2,335,000	801,750	771,800	272,646
SMOKED:						
WHOLE	1940	DO	-	-	28,700	5,740
FILLETS	1940	DO	113,100	17,274	57,140	13,461
FINNAN HADDIE	1940	DO	115,000	14,950	34,900	5,595
HAKE, FRESH FILLETS	1948	DO	302,000	72,480	4,365	1,030
HERRING, SEA, SMOKED:						
BLOATERS, HARD.	1940	DO	-	-	490,500	73,055
KIPPERED.	1940	DO	63,000	11,600	2,500	375
HERRING, SEA, SPICED.	1940	DO	-	-	35,000	2,500
LAKE TROUT, SMOKED.	1940	DO	67,000	19,700	72,000	31,200
LINGCOD, SMOKED	1940	DO	800	100	-	-
MACKEREL, SMOKED, WHOLE	1940	DO	49,000	9,250	10,100	2,520
PADDLEFISH, SMOKED.	1940	DO	125,000	53,850	-	-
POLLOCK, FRESH AND FROZEN FILLETS	1948	DO	-	-	25,772	5,765
SABLEFISH, SMOKED	1940	DO	-	-	95,000	42,750
SALMON:						
SMOKED:						
WHOLE	1940	DO	5,120,000	1,697,500	1,081,000	426,400
KIPPERED.	1940	DO	430,000	167,900	355,000	159,250
SHAD, SMOKED.	1940	DO	70,000	9,000	45,000	13,250
STURGEON, SMOKED.	1940	DO	417,000	322,250	88,000	67,000
TUNA, SMOKED.	1940	DO	-	-	700	175
WHITEFISH, SMOKED	1940	DO	1,750,000	618,500	320,000	112,300
WHITING, SMOKED	1940	DO	-	-	131,500	19,725
CAVIAR (SALMON, STURGEON AND WHITEFISH).	1948	STANDARD CASES	3,541	463,534	-	-
CLAMS:						
MINCED (HARD AND SURF). . . .	1948	DO	16,801	143,083	-	-
CHOWDER, BROTH AND JUICE (HARD).	1948	DO	17,707	97,492	(2)	(2)
FRESH-SHUCKED (HARD AND SURF)	1940	GALLONS	-	-	16,215	26,205
OYSTERS, FRESH-SHUCKED (EASTERN)	1940	DO	249,450	523,625	788,737	1,398,319
OYSTER-SHELL PRODUCTS:						
GRIT.	1948	TONS	-	-	7,939	119,256
LIME, UNBURNED.	1948	DO	-	-	2,099	8,294
MISCELLANEOUS, CANNED 3/. . . .	1948	STANDARD CASES	13,510	208,572	766,631	4,973,167
MISCELLANEOUS, FRESH AND FROZEN 4/	1948	POUNDS	-	-	29,850	9,440
MUSSEL-SHELL AND MARINE PEARL-SHELL BUTTONS	1948	GROSS	2,458,026	3,354,863	1,637,811	2,635,965
MISCELLANEOUS BYPRODUCTS 5/ . .	1948	-	-	1,743,197	-	7,462,487
TOTAL.		-	-	13,163,484	-	18,506,880
BY FISHERMEN:						
ALEWIFE ROE, SALTED	1940	POUNDS	-	-	1,200	204
EELS, SMOKED.	1940	DO	15,000	4,500	-	-
CLAMS, SURF, FRESH-SHUCKED. . .	1940	GALLONS	-	-	468,400	181,744
SCALLOPS:						
BAY, FRESH-SHUCKED.	1940	DO	2,193	6,579	-	-
SEA, FRESH-SHUCKED.	1940	DO	251,600	317,269	233	395
CRABS, HORSESHOE, MEAL.	1940	TONS	-	-	63	2,474
TOTAL.		-	-	328,348	-	184,817
GRAND TOTAL.		-	-	13,491,832	-	18,691,697

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(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS [1/] - Continued

[1/] DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

[2/] INCLUDED WITH MISCELLANEOUS PRODUCTS.

[3/] MISCELLANEOUS CANNED IN NEW YORK, INCLUDES CODFISH CAKES, TUNA, ANIMAL FOOD, HERRING AND SALMON SALAD SPREAD, CONCHS, FROG LEGS NEWBURG, TERRAPIN AND TURTLE MEAT SOUP AND STEW, CRAB, LOBSTER, OYSTER AND SHRIMP SOUP AND STEW COMBINATIONS, AND BOUILLABAISSE; IN NEW JERSEY, EELS, JELLIED; SEA HERRING, JELLIED AND FRIED IN VINEGAR SAUCE; AND HARD CLAM CHOWDER; IN PENNSYLVANIA, HARD CLAM CHOWDER.

[4/] MISCELLANEOUS FRESH AND FROZEN IN NEW JERSEY INCLUDES MACKEREL, RED DRUM, ROSEFISH, WHITING AND UNCLASSIFIED FILLETS.

[5/] MISCELLANEOUS BYPRODUCTS IN NEW YORK INCLUDE MENHADEN MEAL AND OIL, MUSSEL SHELL GRIT, TUNA, ROCKFISH AND SHARK LIVER OIL, AND GROUNDFISH MEAL; IN NEW JERSEY, MENHADEN MEAL AND OIL, AND COD LIVER OIL; IN PENNSYLVANIA, HORSESHOE CRAB AND UNCLASSIFIED MEAL; IN DELAWARE, MENHADEN MEAL, OIL AND ACID SCRAP.

NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF MANUFACTURED FISHERY PRODUCTS - VARIOUS YEARS

SUMMARY OF STATES:	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATES	VALUE	VALUE	VALUE
NEW YORK	$13,163,484	$328,348	$13,491,832
NEW JERSEY	12,459,716	184,817	12,644,533
PENNSYLVANIA	2,182,929	-	2,182,929
DELAWARE	3,864,235	-	3,864,235
TOTAL	31,670,364	513,165	32,183,529

SUMMARY OF ITEMS:

ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH	1948	POUNDS	9,321,842	$3,462,158
CANNED FISH AND SHELLFISH	1948	STANDARD CASES	818,190	5,885,848
BYPRODUCTS	1948	-	-	15,324,062
BYPRODUCTS (BY FISHERMEN)	1940	-	-	2,474
PACKAGED SHELLFISH	1940	POUNDS	1,776,828	2,454,136
SALTED FISH	1940	DO	721,400	208,264
SMOKED AND KIPPERED FISH	1940	DO	14,320,690	4,846,587
TOTAL		-	-	32,183,529

NEW YORK

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS		LINES		
			DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS	TROLL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	165	22	2	-	8	-	-
ON BOATS AND SHORE:							
REGULAR	-	192	52	15	119	17	2
CASUAL.	-	182	436	305	687	39	1
TOTAL	165	396	490	320	814	56	3
VESSELS, MOTOR.	8	7	1	-	4	-	-
NET TONNAGE	732	40	6	-	34	-	-
BOATS:							
MOTOR	-	132	234	143	398	30	1
OTHER	-	-	1	5	69	10	-
ACCESSORY BOATS	24	-	-	-	-	-	-
APPARATUS:							
NUMBER.	8	141	245	155	1,007	91	3
LENGTH, YARDS	3,200	85,504	-	-	-	-	-
SQUARE YARDS.	-	-	806,300	91,000	-	-	-
HOOKS, BAITS OR SNOODS	-	-	-	-	1,628	24,760	3

ITEM	POUND NETS	FYKE NETS, FISH	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS			
					CONCH	EEL	FISH	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	10	-	-	446	-	-	-	-
ON BOATS AND SHORE:								
REGULAR	77	12	1	85	12	34	12	67
CASUAL.	62	38	8	48	18	41	10	117
TOTAL	149	50	9	579	30	75	22	184
VESSELS, MOTOR.	4	-	-	127	-	-	-	-
NET TONNAGE	34	-	-	2,488	-	-	-	-
BOATS:								
MOTOR	50	39	4	61	15	48	11	91
OTHER	-	3	-	-	-	-	-	12
APPARATUS:								
NUMBER.	161	441	9	188	2,000	1,766	943	11,092
YARDS AT MOUTH. . . .	-	-	-	3,072	-	-	-	-

ITEM	HARPOONS	DREDGES			TONGS		RAKES, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
		CLAM	OYSTERS, COMMON	SCALLOP	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	48	62	128	105	-	21	-	854
ON BOATS AND SHORE:								
REGULAR	20	43	-	35	572	2,893	624	3,182
CASUAL.	-	20	-	-	610	3,549	355	5,141
TOTAL	68	125	128	140	1,182	6,463	979	9,177
VESSELS, MOTOR.	16	26	27	16	-	14	-	206
NET TONNAGE	261	262	603	575	-	91	-	4,260
BOATS:								
MOTOR	10	29	-	18	900	2,908	318	3,826
OTHER	-	-	-	-	22	318	187	408
ACCESSORY BOATS	16	-	-	-	-	-	-	40
APPARATUS:								
NUMBER.	26	55	54	68	1,182	6,463	979	-
YARDS AT MOUTH. . . .	-	42	77	142	-	-	-	-

NEW YORK: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS			
					DRIFT		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	21,900	$633	1,500	$40	200	$5
BLUEFISH	-	-	15,600	4,195	32,200	8,360	-	-
BUTTERFISH	-	-	2,000	300	2,700	405	-	-
CARP	-	-	173,400	11,291	1,200	96	1,100	99
CATFISH AND BULLHEADS	-	-	4,600	424	200	31	800	140
COD	-	-	1,500	190	-	-	-	-
EELS, COMMON	-	-	9,900	2,000	300	60	-	-
FLOUNDERS:								
BLACKBACK	-	-	6,000	497	-	-	-	-
FLUKE	-	-	2,300	500	-	-	-	-
GRAYFISH	-	-	-	-	200	10	-	-
KING WHITING OR "KINGFISH"	-	-	8,000	632	100	8	-	-
MACKEREL	-	-	-	-	40,000	5,600	-	-
MENHADEN	76,540,800	$774,427	-	-	-	-	-	-
SCUP OR PORGY	-	-	337,500	27,008	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	453,800	90,700	82,400	16,550	-	-
SHAD	-	-	65,600	8,391	612,400	81,291	443,700	57,015
SILVERSIDES	-	-	238,500	14,310	-	-	-	-
STRIPED BASS	-	-	246,700	72,651	3,300	867	19,600	5,105
STURGEON	-	-	200	75	7,500	2,186	10,200	1,792
SUCKERS	-	-	2,200	316	1,400	135	-	-
SUNFISH	-	-	500	50	-	-	-	-
SWELLFISH	-	-	29,000	1,444	-	-	-	-
WHITEBAIT	-	-	10,600	2,656	-	-	-	-
WHITE PERCH	-	-	1,600	127	6,400	724	20,900	1,860
YELLOW PERCH	-	-	20,300	1,220	100	11	300	29
UNCLASSIFIED, FOR FOOD	-	-	34,200	3,385	600	50	-	-
TOTAL	76,540,800	774,427	1,685,900	242,995	792,500	116,424	496,800	66,046

SPECIES	LINES						POUND NETS	
	HAND		TRAWL OR TROT WITH HOOKS		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	200	$5			38,100	$1,041
BLUEFISH	2,000	$509	-	-	3,500	$900	184,700	46,340
BUTTERFISH	-	-	-	-	-	-	181,800	27,270
CARP	-	-	600	52	-	-	-	-
CATFISH AND BULLHEADS	-	-	10,500	993	-	-	-	-
COD	-	-	292,800	36,610	-	-	2,600	328
EELS, COMMON	-	-	1,300	188	-	-	58,500	11,500
FLOUNDERS:								
BLACKBACK	12,000	975	-	-	-	-	34,700	2,796
FLUKE	-	-	-	-	-	-	28,400	6,190
FRIGATE MACKEREL	-	-	-	-	-	-	45,700	1,828
HAKE, RED	-	-	-	-	-	-	6,600	260
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	4,600	379
MACKEREL	2,284,300	286,175	-	-	-	-	65,100	8,775
MENHADEN	-	-	-	-	-	-	311,200	3,100
POLLOCK	13,900	1,110	-	-	-	-	400	32
SCUP OR PORGY	6,000	500	-	-	-	-	420,600	34,000
SEA BASS	20,700	3,000	-	-	-	-	15,300	2,266
SEA ROBIN	-	-	-	-	-	-	3,900	77
SEA TROUT OR WEAKFISH, GRAY	300	58	-	-	-	-	367,700	73,700
SHAD	-	-	-	-	-	-	267,500	46,362
SHARKS	1,700	80	-	-	-	-	4,000	205
SILVERSIDES	-	-	-	-	-	-	15,000	900
SKATES	-	-	-	-	-	-	2,100	145
STRIPED BASS	33,600	10,079	-	-	-	-	28,100	8,410
STURGEON	-	-	-	-	-	-	600	180
SWELLFISH	-	-	-	-	-	-	390,400	19,450
SQUID	-	-	-	-	-	-	171,100	17,030
TAUTOG	-	-	-	-	-	-	4,700	335
TILEFISH	-	-	415,800	41,600	-	-	-	-
TUNA AND TUNALIKE FISHES:								
BLUEFIN	400	50	-	-	-	-	71,300	9,000
BONITO	300	54	-	-	-	-	8,300	1,620
LITTLE	28,300	3,500	-	-	-	-	-	-
WHITE PERCH	-	-	-	-	-	-	1,500	180
WHITING	-	-	-	-	-	-	87,900	5,180
UNCLASSIFIED:								
FOR FOOD	7,500	700	-	-	-	-	30,800	3,050
OTHER	-	-	-	-	-	-	61,700	625
TOTAL	2,411,000	306,790	721,200	79,448	3,500	900	2,914,900	332,554

(CONTINUED ON NEXT PAGE)

NEW YORK: CATCH BY GEAR, 1948 - Continued

	FYKE NETS		DIP NETS		OTTER TRAWLS		POTS	
SPECIES	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
IVES	70,100	$2,223	-	-	-	-	-	-
FISH	-	-	-	-	2,400	$617	-	-
ERFISH	-	-	-	-	714,400	107,160	-	-
	1,500	161	-	-	-	-	-	-
SH AND								
LLHEADS	12,500	1,627	-	-	-	-	-	-
	-	-	-	-	1,446,400	180,750	-	-
HIN	-	-	-	-	100	3	-	-
:								
MMON	14,000	2,845	-	-	-	-	148,400	$26,763
NGER	-	-	-	-	5,600	125	-	-
NDERS:								
AY SOLE	-	-	-	-	42,000	2,900	-	-
LLOWTAIL	-	-	-	-	2,728,000	341,070	-	-
ACKBACK	160,900	13,092	-	-	1,322,200	99,286	-	-
B	-	-	-	-	17,500	500	-	-
UKE	-	-	-	-	2,276,800	502,675	-	-
ATE MACKEREL	-	-	-	-	21,000	850	-	-
FFISH	-	-	-	-	2,800	140	-	-
OCK	-	-	-	-	1,757,600	210,900	-	-
:								
D	-	-	-	-	167,200	5,988	-	-
ITE	-	-	-	-	87,300	9,530	-	-
BUT	-	-	-	-	4,400	800	-	-
ING, SEA	-	-	-	-	22,000	650	-	-
WHITING OR								
INGFISH	-	-	-	-	4,100	331	-	-
EREL	-	-	-	-	172,400	24,145	-	-
OCK	-	-	-	-	84,000	6,720	-	-
OR PORGY	-	-	-	-	5,387,900	430,837	-	-
BASS	-	-	-	-	2,238,300	337,247	34,100	5,075
ROBIN	-	-	-	-	700	5	-	-
TROUT OR								
AKFISH, GRAY	-	-	-	-	98,200	19,450	-	-
	-	-	-	-	4,000	675	-	-
KS	-	-	-	-	500	25	-	-
ES	-	-	-	-	9,700	682	-	-
T	500	150	-	-	-	-	-	-
PED BASS	100	30	-	-	24,500	7,261	-	-
GEON	-	-	-	-	800	240	-	-
RS	31,200	464	-	-	-	-	-	-
SH	1,200	135	-	-	-	-	-	-
FISH	-	-	-	-	577,400	28,865	-	-
FISH	-	-	-	-	146,800	14,700	-	-
D	200	30	-	-	-	-	-	-
AND TUNALIKE								
ES:								
EFIN	-	-	-	-	400	50	-	-
ITO	-	-	-	-	1,700	350	-	-
PERCH	2,600	270	-	-	-	-	-	-
NG	-	-	-	-	756,000	45,746	-	-
ISH	-	-	-	-	3.400	75	-	-
W PERCH	1,000	159	-	-	-	-	-	-
SSIFIED:								
FOOD	-	-	-	-	342,700	30,335	-	-
ER	-	-	-	-	157,300	1,525	-	-
, BLUE, HARD	-	-	14,700	$2,032	-	-	-	-
TER, NORTHERN	-	-	-	-	166,300	66,385	195,100	94,900
HS	-	-	-	-	-	-	133,600	35,624
LOPS, SEA	-	-	-	-	500	260	-	-
D	-	-	-	-	883,800	89,495	-	-
TOTAL	295,800	21,186	14,700	2,032	21,679,100	2,569,348	511,200	162,362

	HARPOONS		DREDGES		TONGS		RAKES	
SPECIES	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
RDFISH	44,700	$24,650	-	-	-	-	-	-
MS:								
ARD, PUBLIC	-	-	-	-	7,270,800	$2,424,183	-	-
DFT, PUBLIC	-	-	-	-	-	-	222,700	$70,615
URF OR SKIMMER	-	-	3,520,900	$366,000	-	-	-	-
BELS, SEA	-	-	-	-	266,700	62,665	-	-
TERS, MARKET:								
UBLIC, SPRING	-	-	-	-	47.800	32,020	-	-
UBLIC, FALL	-	-	-	-	32,600	21,795	-	-
RIVATE, SPRING	-	-	3,333,200	2,222,133	-	-	-	-
RIVATE, FALL	-	-	3,538,400	2,445,597	-	-	-	-
LLOPS:								
AY	-	-	44,100	52,908	-	-	-	-
EA	-	-	3,317,700	1,825,285	-	-	-	-
TOTAL	44,700	24,650	13,754,300	6,911,923	7,617,900	2,540,663	222,700	70,615

NEW JERSEY

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES		HAUL SEINES, COMMON	GILL NETS		
	MENHADEN	OTHER		DRIFT	RUNAROUND	STAKE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	457	20	-	66	-	-
ON BOATS AND SHORE:						
REGULAR	-	-	14	75	33	114
CASUAL.	-	-	74	137	25	207
TOTAL	457	20	88	278	58	321
VESSELS, MOTOR.	20	2	-	24	-	-
NET TONNAGE	1,024	54	-	281	-	-
BOATS:						
MOTOR	-	-	25	88	29	132
OTHER	-	-	17	29	-	121
ACCESSORY BOATS	60	4	-	-	-	-
APPARATUS:						
NUMBER.	20	2	30	784	35	220
LENGTH, YARDS	6,240	800	4,200	-	-	-
SQUARE YARDS.	-	-	-	1,109,188	56,000	273,080

ITEM	LINES				POUND NETS	WEIRS	STOP NETS	FYKE NETS
	HAND	TRAWL OR TROT WITH HOOKS	TROLL	TROT, WITH BAITS OR SNOODS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	129	40	29	-	209	-	-	-
ON BOATS AND SHORE:								
REGULAR	126	100	-	38	34	-	6	1
CASUAL.	265	40	20	6	20	10	4	2
TOTAL	520	180	49	44	263	10	10	3
VESSELS, MOTOR.	60	18	14	-	29	-	-	-
NET TONNAGE	599	154	136	-	195	-	-	-
BOATS:								
MOTOR	315	72	10	41	16	10	3	2
OTHER	-	-	-	3	-	-	2	1
APPARATUS:								
NUMBER.	1,040	788	90	44	122	42	5	39
SQUARE YARDS.	-	-	-	-	-	-	2,500	-
HOOKS, BAITS OR SNOODS.	1,178	263,100	94	34,000	-	-	-	-

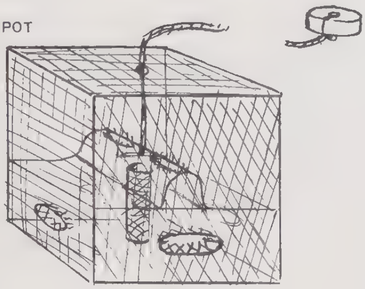
ITEM	DIP NETS, COMMON	OTTER TRAWLS, FISH	BEAM TRAWLS	POTS			DREDGES	
				EEL	FISH	LOBSTER	CLAM	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	316	-	-	14	-	38	3
ON BOATS AND SHORE:								
REGULAR	-	8	15	-	68	54	3	-
CASUAL.	23	-	6	51	2	-	-	-
TOTAL	23	324	21	51	84	54	41	3
VESSELS, MOTOR	-	103	-	-	7	-	19	1
NET TONNAGE	-	1,859	-	-	56	-	175	12
BOATS:								
MOTOR	-	4	21	38	37	41	1	-
OTHER	23	-	-	13	-	-	-	-
APPARATUS:								
NUMBER.	23	107	21	1,228	20,200	7,821	38	3
YARDS AT MOUTH.	-	2,158	35	-	-	-	42	6

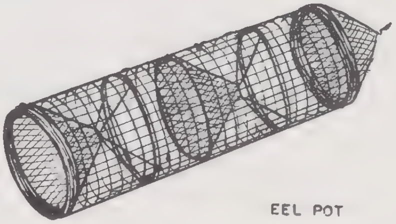
(CONTINUED ON NEXT PAGE)

NEW JERSEY: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	DREDGES - CONT'D		TONGS		RAKES, OTHER THAN FOR OYSTERS	HOES	BY HAND, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	SCALLOP	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ERMEN:								
VESSELS.	1,100	68	-	-	-	-	-	2,265
BOATS AND SHORE:								
REGULAR	-	-	99	383	469	70	50	1,347
CASUAL.	-	-	95	386	495	165	52	1,553
TOTAL	1,100	68	194	769	964	235	102	5,165
ELS, MOTOR.	141	9	-	-	-	-	-	359
T TONNAGE	2,797	269	-	-	-	-	-	6,503
S:								
TOR	-	-	124	385	519	100	88	1,530
HER	-	-	45	384	445	135	14	1,012
RATUS:								
MBER.	282	16	194	769	964	235	-	-
RDS AT MOUTH.	378	61	-	-	-	-	-	-

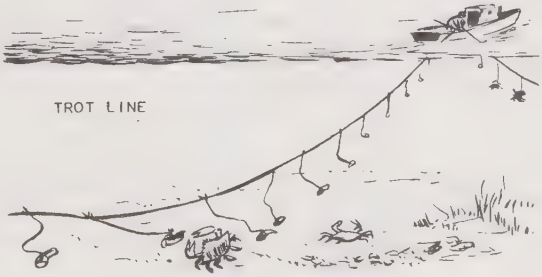
CRAB POT





EEL POT

TROT LINE



NEW JERSEY: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	5,600	$168	-	-
BLUEFISH	10,800	$3,240	-	-	124,000	$37,200
BUTTERFISH	4,900	539	-	-	13,000	1,430
CARP	-	-	5,000	400	-	-
CATFISH AND BULLHEADS	-	-	11,800	1,034	-	-
CROAKER	-	-	3,000	450	3,000	450
DRUM, BLACK	-	-	200	10	-	-
FLOUNDERS:						
BLACKBACK	-	-	2,300	92	-	-
DAB	200	30	-	-	-	-
HERRING, SEA	-	-	-	-	1,800	54
KING WHITING OR "KINGFISH"	-	-	100	3	-	-
MACKEREL	507,200	40,576	-	-	1,564,000	124,520
MENHADEN	148,259,800	1,793,944	-	-	-	-
MULLET	-	-	-	-	1,200	36
SCUP OR PORGY	1,589,200	55,622	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	473,300	56,796	1,700	204	161,900	19,437
SHAD	-	-	9,000	2,230	95,900	23,867
SHARKS	-	-	-	-	6,300	189
STRIPED BASS	16,000	4,000	1,500	375	7,100	1,775
TUNA AND TUNALIKE FISHES:						
BONITO	-	-	-	-	600	90
LITTLE	-	-	-	-	900	90
WHITE PERCH	-	-	15,200	1,054	4,000	280
CRABS, HARD, BLUE	-	-	8,200	1,110	-	-
TOTAL	150,861,400	1,954,747	63,600	7,130	1,983,700	209,418

SPECIES	GILL NETS -CONTINUED				LINES	
	RUNAROUND		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	23,900	$717	-	-
BLUEFISH	13,600	$4,080	-	-	138,700	$41,610
CATFISH AND BULLHEADS	-	-	2,300	184	-	-
COD	-	-	100	17	2,900	493
CROAKER	-	-	-	-	7,600	1,140
FLOUNDERS:						
BLACKBACK	-	-	10,800	432	-	-
FLUKE	-	-	-	-	14,800	2,220
HAKE, RED	-	-	-	-	12,300	246
HERRING, SEA	-	-	6,000	180	-	-
HICKORY SHAD	-	-	800	24	-	-
MACKEREL	426,300	34,104	-	-	2,245,000	179,600
SCUP OR PORGY	-	-	-	-	7,400	259
SEA BASS	-	-	-	-	9,300	1,395
SEA TROUT OR WEAKFISH, GRAY	24,100	2,992	2,500	300	21,000	2,620
SHAD	-	-	1,273,200	233,638	1,000	250
SHARKS	-	-	17,400	522	1,400	42
STRIPED BASS	-	-	-	-	1,200	300
SUCKERS	-	-	300	9	-	-
TAUTOG	-	-	-	-	4,000	120
TUNA AND TUNALIKE FISHES:						
BLUEFIN	-	-	-	-	2,000	400
BONITO	-	-	-	-	7,600	1,130
LITTLE	-	-	-	-	13,600	1,360
WHITE PERCH	-	-	18,300	1,281	-	-
YELLOW PERCH	-	-	-	-	800	80
TOTAL	464,000	41,176	1,355,600	237,304	2,490,600	233,265

(CONTINUED ON NEXT PAGE)

NEW JERSEY: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES - CONTINUED					
	TRAWL OR TROT WITH HOOKS		TROLL		TROT, WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UEFISH	-	-	12,800	$3,840	-	-
D	683,000	$116,110	-	-	-	-
LS, CONGER	3,400	102	-	-	-	-
OUNDERS, FLUKE	2,100	315	-	-	-	-
IGATE MACKEREL	-	-	1,300	60	-	-
KE, WHITE	1,200	60	-	-	-	-
A BASS	3,200	580	-	-	-	-
A TROUT OR WEAKFISH, GRAY	-	-	3,000	360	-	-
ATES	6,800	204	-	-	-	-
NA AND TUNALIKE FISHES:						
BLUEFIN	-	-	600	120	-	-
BONITO	-	-	900	135	-	-
ABS, BLUE, HARD	-	-	-	-	366,000	$54,900
TOTAL	699,700	117,371	18,600	4,515	366,000	54,900

SPECIES	POUND NETS		WEIRS		STOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LEWIVES	133,500	$4,005	-	-	-	-
MBERJACK	3,000	300	-	-	-	-
LUEFISH	288,400	86,520	-	-	-	-
UTTERFISH	765,900	84,419	-	-	-	-
ARP	-	-	5,000	$450	9,000	$720
ATFISH AND BULLHEADS	-	-	-	-	20,000	1,800
OD	336,900	57,273	-	-	-	-
ROAKER	143,500	21,525	-	-	-	-
UM, BLACK	3,200	160	-	-	-	-
LS:						
COMMON	3,000	450	20,000	2,000	-	-
CONGER	200	6	-	-	-	-
OUNDERS:						
BLACKBACK	9,600	768	-	-	-	-
FLUKE	37,700	5,655	-	-	-	-
UNCLASSIFIED	5,900	295	-	-	-	-
IGATE MACKEREL	7,300	365	-	-	-	-
ZARD SHAD	20,600	618	-	-	-	-
E:						
ED	219,600	4,392	-	-	-	-
HITE	300	15	-	-	-	-
RRING, SEA	1,553,500	46,605	-	-	-	-
G MACKEREL	1,900	190	-	-	-	-
G WHITING OR"KINGFISH"	7,300	438	-	-	-	-
KEREL	440,100	35,208	-	-	-	-
ENHADEN	15,770,900	197,865	-	-	-	-
LOCK	1,200	84	-	-	-	-
UP OR PORGY	1,131,200	37,389	-	-	-	-
BASS	183,700	27,655	-	-	-	-
ROBIN	300	6	-	-	-	-
TROUT OR WEAKFISH, GRAY	1,193,900	143,368	-	-	-	-
AD	467,500	115,875	2,000	500	-	-
ARKS	13,200	396	-	-	-	-
KATES	11,600	348	-	-	-	-
POT	2,000	200	-	-	-	-
RIPED BASS	8,300	2,075	-	-	-	-
TURGEON	2,200	660	-	-	-	-
WELLFISH	32,000	1,280	-	-	-	-
AUTOG	1,100	33	-	-	-	-
UNA AND TUNALIKE FISHES:						
BLUEFIN	44,500	8,900	-	-	-	-
BONITO	19,400	2,910	-	-	-	-
LITTLE	542,300	54,230	-	-	-	-
HITE PERCH	100	7	-	-	-	-
HITING	168,100	10,086	-	-	-	-
OLFFISH	190,000	11,400	-	-	-	-
NCLASSIFIED, FOR FOOD	90,900	4,525	-	-	-	-
ORSESHOE CRABS	-	-	940,000	3,825	-	-
QUID	312,800	25,024	-	-	-	-
URTLES, SNAPPER	1,000	50	-	-	-	-
TOTAL	24,169,600	993,573	967,000	6,775	29,000	2,520

(CONTINUED ON NEXT PAGE)

NEW JERSEY: CATCH BY GEAR, 1948 - Continued

SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	7,000	$210	-	-	-	-
ANGLERFISH	-	-	-	-	11,700	$351
BLUEFISH	-	-	-	-	23,000	6,900
BUTTERFISH	-	-	-	-	502,700	55,297
CATFISH AND BULLHEADS	10,000	800	-	-	-	-
COD	-	-	-	-	256,700	43,369
CROAKER	-	-	-	-	182,200	27,330
DRUM, BLACK	-	-	-	-	20,100	1,005
EELS:						
COMMON	11,400	1,140	-	-	-	-
CONGER	-	-	-	-	18,700	561
FLOUNDERS:						
GRAY SOLE	-	-	-	-	13,300	1,064
YELLOWTAIL	-	-	-	-	50,400	5,040
BLACKBACK	55,200	2,208	-	-	76,500	3,060
DAB	-	-	-	-	12,900	516
FLUKE	600	90	-	-	2,988,700	448,305
UNCLASSIFIED	-	-	-	-	20,600	2,060
HADDOCK	-	-	-	-	10,100	707
HAKE:						
RED	-	-	-	-	415,100	8,302
WHITE	-	-	-	-	85,600	4,270
HERRING, SEA	-	-	-	-	96,900	2,907
KING MACKEREL	-	-	-	-	5,200	520
KING WHITING OR "KINGFISH"	-	-	-	-	55,100	5,478
MACKEREL	-	-	-	-	52,200	4,176
MENHADEN	-	-	-	-	3,000	90
POLLOCK	-	-	-	-	1,500	105
SCUP OR PORGY	-	-	-	-	5,619,700	196,690
SEA BASS	-	-	-	-	2,934,600	410,854
SEA ROBIN	-	-	-	-	8,400	198
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	1,424,400	170,328
SHAD	-	-	-	-	4,600	750
SHARKS	-	-	-	-	14,500	435
SKATES	-	-	-	-	9,200	276
SPOT	-	-	-	-	4,800	144
STRIPED BASS	-	-	-	-	6,400	1,600
STURGEON	-	-	-	-	3,400	885
SWELLFISH	-	-	-	-	108,500	4,340
SWORDFISH	-	-	-	-	700	350
TAUTOG	-	-	-	-	21,500	645
TILEFISH	-	-	-	-	53,200	5,852
WHITE PERCH	3,700	259	-	-	400	28
WHITING	-	-	-	-	630,000	37,800
YELLOW PERCH	600	60	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	118,600	5,930
CRABS, BLUE:						
HARD	-	-	7,700	$1,155	-	-
SOFT AND PEELERS	-	-	3,000	1,050	-	-
LOBSTER, NORTHERN	-	-	-	-	89,100	31,285
CONCHS	-	-	-	-	98,000	14,700
SCALLOPS, SEA	-	-	-	-	8,800	3,960
SQUID	-	-	-	-	452,800	39,944
TOTAL	88,500	4,767	10,700	2,205	16,513,800	1,548,407

SPECIES	BEAM TRAWLS		POTS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,200	$36	-	-
EELS:						
COMMON	-	-	55,900	5,590	-	-
CONGER	-	-	5,400	162	-	-
SEA BASS	-	-	1,702,900	255,435	-	-
TAUTOG	-	-	21,400	642	-	-
CRABS, BLUE, HARD	-	-	-	-	278,000	$41,700
LOBSTER, NORTHERN	-	-	299,200	134,642	9,000	4,050
SHRIMP	100,000	$50,000	-	-	-	-
CLAMS:						
HARD, PUBLIC	-	-	-	-	245,700	98,280
HARD, PRIVATE	-	-	-	-	32,400	12,960
SURF	-	-	-	-	167,300	21,849
OYSTERS:						
PRIVATE, SPRING	-	-	-	-	2,828,000	1,131,200
PRIVATE, FALL	-	-	-	-	3,048,300	1,219,320
SCALLOPS, SEA	-	-	-	-	826,300	371,535
TOTAL	100,000	50,000	2,086,000	396,507	7,435,000	2,900,894

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NEW JERSEY: CATCH BY GEAR, 1948 - Continued

SPECIES	TONGS		RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:								
HARD, PUBLIC	1,428,000	$571,200	1,978,600	$791,440	-	-	321,900	$128,760
SOFT, PUBLIC	-	-	-	-	1,250,000	$218,750	2,000,000	350,000
SURF	-	-	9,700	1,261	-	-	-	-
OYSTERS, MARKET:								
PUBLIC, SPRING	29,200	11,680	-	-	-	-	-	-
PUBLIC, FALL	29,000	11,600	-	-	-	-	-	-
PRIVATE, SPRING	28,000	11,200	-	-	-	-	-	-
PRIVATE, FALL	25,800	10,320	-	-	-	-	-	-
TOTAL	1,540,000	616,000	1,988,300	792,701	1,250,000	218,750	2,321,900	478,760

DELAWARE

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS			LINES, TROT WITH BAITS OR SNOODS
			DRIFT	RUNAROUND	STAKE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	696	-	-	-	-	-
ON BOATS AND SHORE:						
REGULAR	-	38	7	-	6	20
CASUAL	-	83	41	12	20	76
TOTAL	696	121	48	12	26	96
VESSELS:						
MOTOR	25	-	-	-	-	-
NET TONNAGE	1,968	-	-	-	-	-
STEAM	1	-	-	-	-	-
NET TONNAGE	46	-	-	-	-	-
TOTAL VESSELS	26	-	-	-	-	-
TOTAL NET TONNAGE	2,014	-	-	-	-	-
BOATS:						
MOTOR	-	22	12	-	16	60
OTHER	-	39	25	12	2	36
ACCESSORY BOATS:	78	-	-	-	-	-
APPARATUS:						
NUMBER	26	63	37	12	24	96
LENGTH, YARDS	10,400	19,500	-	-	-	-
SQUARE YARDS	-	-	43,300	19,200	23,600	-
BAITS OR SNOODS	-	-	-	-	-	75,600

ITEM	FYKE NETS	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS		DREDGES
				CRAB	EEL	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	30	-	-	57
ON BOATS AND SHORE:						
REGULAR	4	-	-	-	-	-
CASUAL	22	42	-	8	8	-
TOTAL	26	42	30	8	8	57
VESSELS, MOTOR	-	-	10	-	-	19
NET TONNAGE	-	-	130	-	-	335
BOATS:						
MOTOR	14	12	-	4	2	-
OTHER	12	30	-	-	6	-
APPARATUS:						
NUMBER	88	42	10	480	200	38
YARDS AT MOUTH	-	-	137	-	-	76

(CONTINUED ON NEXT PAGE)

DELAWARE: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	DREDGES, CONT'D.	TONGS		RAKES, OTHER THAN FOR OYSTERS	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	OYSTER	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	171	-	-	-	897
ON BOATS AND SHORE:					
REGULAR	-	90	-	25	166
CASUAL	-	40	20	35	257
TOTAL	171	130	20	60	1,320
VESSELS:					
MOTOR	28	-	-	-	63
NET TONNAGE	521	-	-	-	2,619
STEAM	-	-	-	-	1
NET TONNAGE	-	-	-	-	46
TOTAL VESSELS	28	-	-	-	64
TOTAL NET TONNAGE	521	-	-	-	2,665
BOATS:					
MOTOR	-	90	10	30	202
OTHER	-	40	10	30	127
ACCESSORY BOATS	-	-	-	-	78
APPARATUS:					
NUMBER	56	130	20	60	-
YARDS AT MOUTH	84	-	-	-	-

DELAWARE: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	5,500	$165	-	-
BLUEFISH	-	-	3,500	1,050	-	-
CARP	-	-	2,000	180	-	-
CROAKER	-	-	7,000	700	-	-
EELS, COMMON	-	-	200	20	-	-
FLOUNDERS:						
BLACKBACK	-	-	9,000	270	-	-
FLUKE	-	-	8,300	1,660	-	-
HAKE, RED	-	-	9,000	270	-	-
HICKORY SHAD	-	-	3,000	90	-	-
KING MACKEREL	-	-	6,000	480	-	-
MENHADEN	148,302,500	$2,053,152	-	-	-	-
MULLET	-	-	63,000	1,890	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	164,000	13,120	4,600	$368
SHAD	-	-	-	-	17,000	4,250
SPOT	-	-	-	-	14,200	2,130
STRIPED BASS	-	-	273,200	68,300	3,400	850
STURGEON	-	-	500	175	-	-
WHITE PERCH	-	-	24,000	2,880	4,300	516
UNCLASSIFIED, FOR FOOD	-	-	21,300	1,065	-	-
TOTAL	148,302,500	2,053,152	599,500	92,315	43,500	8,114

SPECIES	GILL NETS - CONTINUED				LINES, TROT WITH BAITS OR SNOODS	
	RUNAROUND		STAKE			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	5,000	$500	14,700	$1,470	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	15,000	1,200	-	-
SHAD	-	-	34,900	8,795	-	-
SPOT	24,000	3,600	900	135	-	-
STRIPED BASS	6,000	1,500	3,000	750	-	-
WHITE PERCH	-	-	3,600	432	-	-
CRABS, BLUE, HARD	-	-	-	-	397,000	$46,750
TOTAL	35,000	5,600	72,100	12,782	397,000	46,750

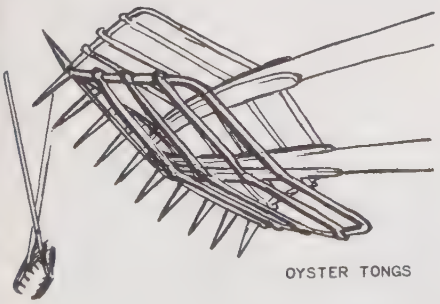
(CONTINUED ON NEXT PAGE)

DELAWARE: CATCH BY GEAR, 1948 - Continued

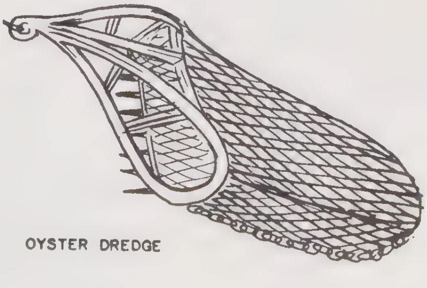
SPECIES	FYKE NETS		DIP NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ISH	-	-	-	-	1,900	$570
RFISH	-	-	-	-	7,800	702
	-	-	-	-	5,400	864
ER	-	-	-	-	5,600	560
BLACK	-	-	-	-	2,800	140
COMMON	10,000	$1,000	-	-	-	-
DERS:						
CKBACK	23,000	690	-	-	-	-
KE	-	-	-	-	6,700	1,340
LASSIFIED	-	-	-	-	3,200	320
	-	-	-	-	149,000	4,470
TE	-	-	-	-	300	15
NG, SEA	-	-	-	-	20,200	606
MACKEREL	-	-	-	-	5,200	416
REL	-	-	-	-	1,000	80
T	2,400	72	-	-	-	-
OR PORGY	-	-	-	-	80,000	2,400
BASS	-	-	-	-	1,800	270
ROUT OR WEAKFISH, GRAY	20,000	1,600	-	-	436,000	34,880
	-	-	-	-	1,000	252
	24,000	3,600	-	-	1,900	285
PED BASS	24,000	6,000	-	-	51,300	12,825
GEON	-	-	-	-	800	290
PERCH	3,000	360	-	-	16,200	1,944
NG	-	-	-	-	12,900	774
ASSIFIED, FOR FOOD	-	-	-	-	12,000	600
B, BLUE, SOFT AND PEELERS	-	-	8,700	$2,700	-	-
HS	-	-	-	-	2,400	360
D	-	-	-	-	14,500	1,015
TOTAL	106,400	13,322	8,700	2,700	839,900	65,978

SPECIES	POTS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE
COMMON	8,000	$800	-	-
S, BLUE, HARD	162,000	16,200	900,000	$90,000
, HARD, PRIVATE	-	-	45,000	18,000
ER, MARKET:				
LIC, FALL	-	-	1,500,000	568,000
VATE, FALL	-	-	750,000	284,400
TOTAL	170,000	17,000	3,195,000	960,400

SPECIES	TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE
, HARD, PUBLIC	10,800	$4,100	101,800	$40,720
S, MARKET, PRIVATE, FALL	600,000	225,000	-	-
TOTAL	610,800	229,100	101,800	40,720



OYSTER TONGS



OYSTER DREDGE

HUDSON RIVER SHAD FISHERY

During 1948, the shad fishery in the Hudson River gave employment to 959 fishermen, who marketed 2,354,400 pounds of shad with a value of $332,546 to the fishermen. This represented an increase of 19 percent in weight and 29 percent in value over the previous year. There were 213 fewer fishermen employed in the Hudson River shad fishery during 1948 than in 1947. The average price per pound received by fishermen in 1948 was 14.1 cents compared with 13.0 cents in 1947.

Stake gill nets accounted for 71 percent of the production by weight; drift gill nets, 26 percent; and haul seines, the remaining 3 percent.

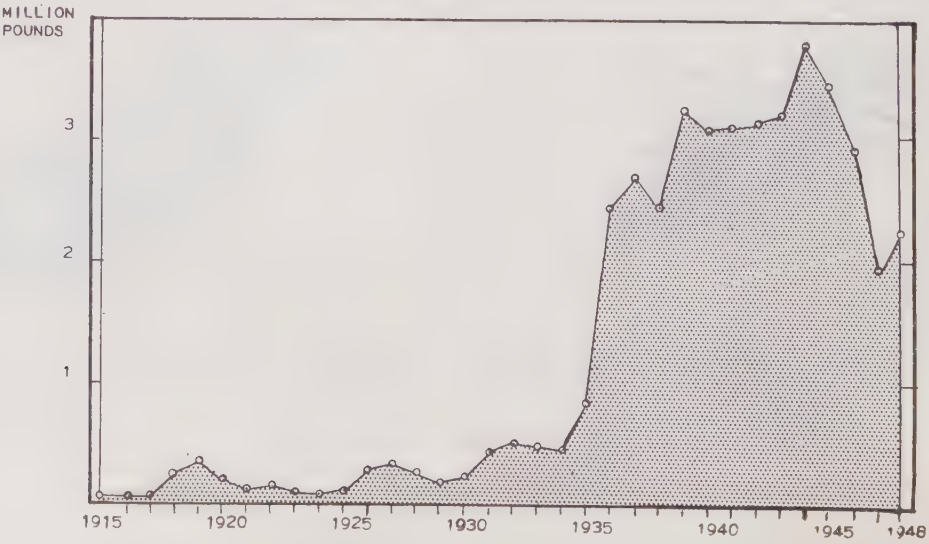
In 1948 the shad taken averaged 3.31 pounds per fish - slightly less than the average of 3.67 pounds in the previous year.

Statistics of the operating units and catch of shad in the Hudson River for 1948 by New York and New Jersey fishermen are also included in the operating unit and catch data for the two states.

SUMMARY OF OPERATING UNITS AND CATCH, 1948

ITEM	NEW YORK			NEW JERSEY			TOTAL		
	NUMBER			NUMBER			NUMBER		
OPERATING UNITS									
FISHERMEN:									
ON BOATS AND SHORE:									
REGULAR.	35			200			959		
CASUAL	724								
TOTAL.	759			200			959		
BOATS:									
MOTOR.	335			84			419		
OTHER.	6			115			121		
APPARATUS:									
HAUL SEINES. . . .	37			-			37		
LENGTH, YARDS. .	6,334			-			6,334		
GILL NETS:									
DRIFT.	223			6			229		
SQUARE YARDS .	794,000			6,360			800,360		
STAKE.	155			92			247		
SQUARE YARDS .	91,000			231,160			322,160		
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	V
SHAD CAUGHT:									
HAUL SEINES. . . .	22,010	65,500	$8,373	-	-	-	22,010	65,500	$
DRIFT GILL NETS. .	203,178	612,400	81,291	500	1,500	$200	203,678	613,900	8
STAKE GILL NETS. .	147,396	443,700	57,015	338,513	1,231,300	185,667	485,909	1,675,000	24.
TOTAL.	372,584	1,121,600	146,679	339,013	1,232,800	185,867	711,597	2,354,400	33.

HUDSON RIVER SHAD CATCH, 1915-1948



LANDINGS AT NEW YORK CITY

Landings of fishery products at New York City during 1948 by fishing craft of all sizes amounted to 13,998,360 pounds. This was an increase of 3.2 million pounds or 30 percent over the 1947 landings.

Of the 1948 New York City landings, 77 percent consisted of fish and 23 percent shellfish. Landings of shellfish increased 2,052,930 pounds or 176 percent over 1947. Finfish showed an increase of 1,167,029 pounds or 11 percent compared with the previous year.

The more important species landed at New York City were sea scallops (meats), 3,073,230 pounds; scup or porgy, 2,506,435 pounds; haddock, 1,773,299 pounds, fluke, 1,406,670 pounds, sea bass, 1,388,856 pounds; and yellowtail flounder, 1,201,500 pounds. The landings of these six species comprised 81 percent of the total.

LANDINGS AT NEW YORK CITY: BY MONTHS, 1948

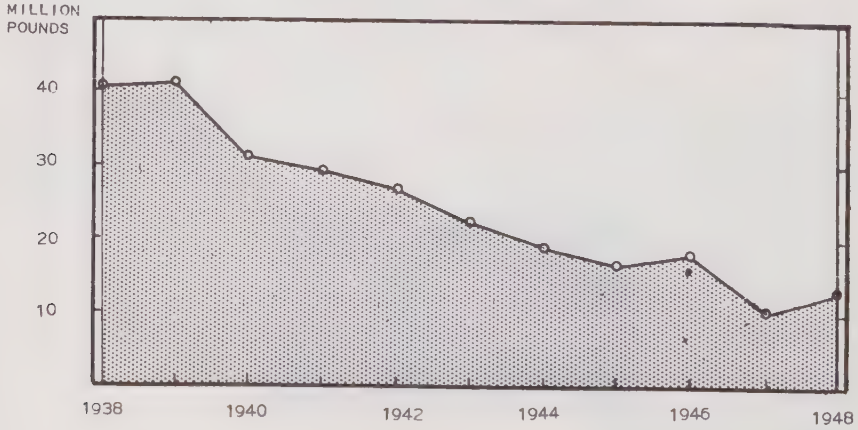
SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
ISH	-	250	-	30	-	-
RFISH	45,325	52,800	146,490	85,910	5,890	10,345
RGE.	2,560	29,390	222,340	82,675	9,995	14,210
KET	1,310	10,682	16,405	49,315	9,255	80,375
R	-	-	-	50	-	-
. CONGER	2,800	1,595	925	735	-	-
NDERS:						
ALKBACK.	960	60	-	200	-	11,900
SEA	390	140	1,220	360	2,335	3,745
E.	160,966	366,824	541,997	243,255	76,705	135
AY SOLE.	425	40,595	4,665	80	50	-
MON SOLE	5,325	9,615	23,910	37,665	24,595	14,975
LLOWTAIL (DABS).	69,275	193,805	28,365	16,705	14,905	15,170
OCK.	73,555	85,125	232,617	200,305	279,875	368,062
:						
(LING)	5,000	-	-	-	-	-
E.	3,870	3,895	10,445	25,520	24,818	755
T.	295	84	175	2,752	579	1,057
EREL	-	-	54,920	2,370	360	52
K.	765	5,715	24,615	28,950	6,495	1,095
SH	-	-	135	-	-	-
OR PORGY.	416,040	474,645	443,200	590,045	14,260	43,525
SS	462,490	430,280	337,385	139,255	835	70
BIN.	-	-	-	560	-	-
OUT OR WEAKFISH, GRAY.	225	850	1,582	1,210	-	-
. . . .	-	-	-	280	-	100
ON	-	-	-	290	-	-
SH	24,400	75,525	175,865	50,790	105,870	31,600
G.	300	-	380	21,175	1,120	2,400
SH	-	-	180	1,160	250	785
SSIFIED	3,100	2,588	2,365	7,300	495	-
TOTAL.	1,279,376	1,784,463	2,270,181	1,588,942	578,687	600,356
SHELLFISH						
TERS	1,600	8,110	2,520	10,290	-	-
LOPS, SEA (MEATS). . . .	-	10,809	68,616	147,384	306,288	596,061
D.	36,480	4,600	8,855	31,950	1,294	1,165
TOTAL.	38,080	23,519	79,991	189,624	307,582	597,226
GRAND TOTAL.	1,317,456	1,807,982	2,350,172	1,778,566	886,269	1,197,582

FULTON MARKET, NEW YORK CITY

LANDINGS AT NEW YORK CITY: BY MONTHS, 1948 - Continued

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOT
FISH	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POU
BLUEFISH	-	-	-	-	775	770	1
BUTTERFISH	-	360	-	-	2,865	52,385	402
COD:							
LARGE	5,080	2,595	-	-	6,075	11,384	386
MARKET	89,805	70,300	250	400	36,325	51,013	415
CUNNER	-	-	-	-	-	-	
DOLPHIN	-	-	52	-	-	-	
EELS, CONGER	-	-	-	-	-	40	6
FLOUNDERS:							
BLACKBACK	31,930	35,760	-	220	18,045	13,280	112
DAB, SEA	-	-	-	-	690	9,000	17
FLUKE	-	-	-	-	4,065	12,723	1,406
GRAY SOLE	-	-	-	-	360	370	46
LEMON SOLE	5,490	19,540	10,305	12,740	57,055	35,365	256
YELLOWTAIL (DABS)	5,920	81,435	267,380	324,580	65,230	118,730	1,201
HADDOCK	203,260	101,180	18,020	16,920	91,550	102,830	1,773
HAKE:							
RED (LING)	-	-	-	-	-	700	5
WHITE	820	690	400	150	3,045	2,900	77
HALIBUT	655	45	-	-	-	215	5
MACKEREL	-	-	-	-	-	-	57
POLLOCK	-	-	-	-	890	12,645	81
RAJAFISH	-	-	-	-	-	850	
SCUP OR PORGY	70,960	15,600	-	-	146,365	291,795	2,506
SEA BASS	-	1,100	-	-	2,885	14,556	1,388
SEA ROBIN	-	-	-	-	-	160	
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	-	45	3
SHARKS	-	-	-	-	-	82	
STRIPED BASS	-	-	-	-	-	78	
STURGEON	-	-	-	-	-	183	
SWORDFISH	-	-	-	10,260	-	82	10
TILEFISH	-	-	-	-	-	58,530	522
TUNA:							
ALBACORE	-	12,926	-	-	-	-	12
BLUEFIN	-	15,350	-	-	-	-	15
WHITING	-	-	-	-	345	800	26
WOLFFISH	450	-	-	-	-	-	2
ROE	-	-	-	-	-	105	
UNCLASSIFIED	9,895	200	300	-	832	3,212	30
TOTAL	424,265	357,081	296,707	365,270	437,397	794,828	10,777,
SHELLFISH							
LOBSTERS	-	150	3,950	-	985	18,708	46,
SCALLOPS, SEA (MEATS)	407,619	552,384	420,318	307,647	150,192	105,912	3,073,
SQUID	-	320	-	-	5,700	10,900	101,
TOTAL	407,619	552,854	424,268	307,647	156,877	135,520	3,220,
GRAND TOTAL	831,884	909,935	720,975	672,917	594,274	930,348	13,998,

LANDINGS AT NEW YORK CITY, 1938-1948



SECTION 4.- CHESAPEAKE FISHERIES

(Area XXIII)[5]

ring 1948, the fishermen of Chesapeake Bay continued to receive record incomes cheir catches as they had the preceding three years. The balance between supply emand was, on the whole, maintained. There were no gluts to depress prices and no scarcities developed except in one species, croakers. There was a shortage of rs in certain sections of Maryland and Virginia, but the overall production level aintained in both states, with a growing feeling among members of the industry replenishment programs should be stepped up if production from the public domain be maintained.

bs were plentiful, and summer and winter crabbing activities yielded good catches. 948 hard crab production recorded an increase of 3,411,800 pounds and $752,551 the previous year.

nning of menhaden and whiting was discontinued in 1948. These species had been during wartime as substitutes for scarce items of canned fish, and for sale in gn countries, however, demand for these products disappeared as the more desirable ry products became available.

shad runs of 1948 showed no sign of returning to the abundance of previous years. were maintained at a profitable level for both fishermen and dealers, but the were comparatively small.

menhaden industry concluded a profitable season even though the fleet was larger e catch smaller than during the previous year. There were 151,931,600 pounds of den taken in 1948, with a value of $1,576,168 to the fishermen. This represents a ase of 15 percent in quantity and 4 percent in value compared with 1947.

creased landings of porgies and sea bass were recorded during 1948. This was due rily to the increased activity in the waters adjacent to the Maryland and Virginia by the otter-trawl fleet. Gill-netting activities by local fishermen were also ed-up in 1948 and increased landings of bluefish and striped bass were reflected ese operations.

1948 catch of fish and shellfish in the Chesapeake States totaled 364,336,400 , valued at $27,604,222 to the fishermen. This represents a decrease of 11 per- n quantity and 3 percent in value compared with the previous year.

yield of fish and shellfish in Maryland during 1948 amounted to 54,213,400 pounds at $8,220,040 - a decline of 9 percent in quantity but an increase of 1 percent e compared with 1947. In Virginia, production decreased 11 percent in poundage percent in value to 310,123,000 pounds, valued at $19,384,182.

haden was the most important species from the standpoint of quantity, accounting percent of the total catch, but for only 6 percent of the total value. The most important species on the poundage basis was hard crabs which accounted for ent; followed by oysters, with 9 percent; and croakers, with 7 percent. When as considered, the most important item was oysters, which accounted for 43 per- of the total; followed by hard crabs, 13 percent; croakers, 11 percent; and soft 3 percent.

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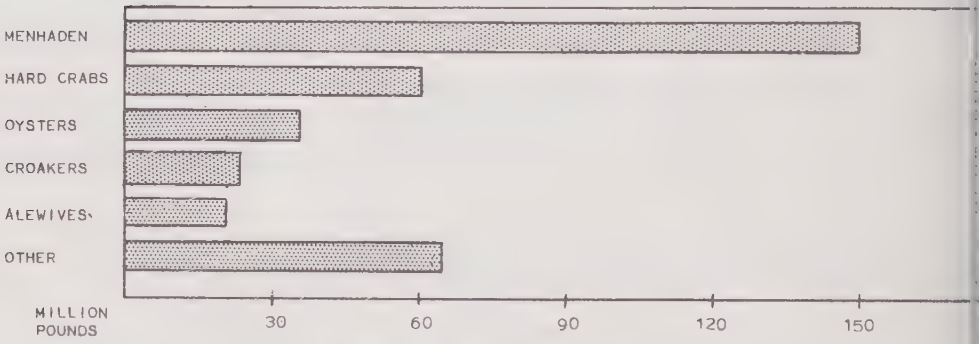
is number has been assigned to this area by the North American Council of Fishery tigations. It should be explained that there may be included under this area, whose principal fishing ports are in this area but at times fish elsewhere. Data e operating units and catch of the fisheries of Maryland have been taken largely statistics collected by the Maryland Department of Tidewater Fisheries. A portion e data on the fisheries of Virginia have likewise been obtained from the Virginia ssion of Fisheries. Supplementary surveys, compilations, and analyses, have been by agents of this Service in order that the figures may be presented in a manner rable with those of other sections.

The production of canned fish and fishery byproducts in Maryland and Virginia ing 1948 was valued at $7,413,908 to the packer. This represents a decrease of 7 cent compared with 1947. Menhaden scrap and meal was the most valuable item proce followed by marine pearl-shell buttons and menhaden oil. A total of 26 plants were gaged in canning fishery products in the states in 1948, while 20 were used for proc ing fishery byproducts.

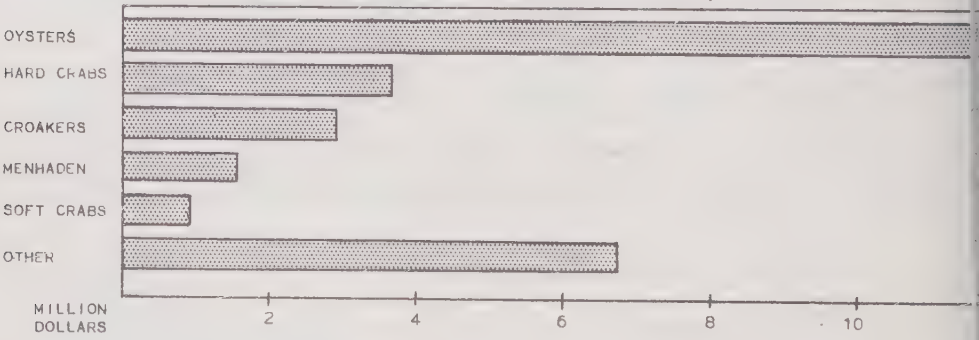
The last complete survey of the transporting, wholesaling, and manufacturing ir tries was for 1940. In the year, 1,023 men were employed in the operation of 544 ve engaged in the transporting trade and 12,331 persons were employed in wholesale manufacturing establishments. The latter employees received $3,552,827 in salarie wages during 1940. Detailed statistics on these branches of the industry for 194 be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No.

Condensed summary of the catch by states of the Chesapeake Fisheries, appearir the following pages, have previously been published in Current Fishery Statis No. 564.

CHESAPEAKE STATES CATCH, 1948



VALUE OF THE CHESAPEAKE STATES CATCH, 1948



SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1948

PRODUCT	MARYLAND		VIRGINIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	17,940,800	$1,658,377	241,731,800	$8,603,454	259,672,600	$10,261,831
ISH, ETC.	36,272,600	6,561,663	68,391,200	10,780,728	104,663,800	17,342,391
TOTAL.	54,213,400	8,220,040	310,123,000	19,384,182	364,336,400	27,604,222

SUMMARY OF OPERATING UNITS, 1948

ITEM	MARYLAND	VIRGINIA	TOTAL
	NUMBER	NUMBER	NUMBER
MEN:			
ESSELS	559	1,534	2,093
OATS AND SHORE:			
GULAR.	5,462	5,290	10,752
SUAL	3,030	4,115	7,145
TOTAL.	9,051	10,939	19,990
S:			
R.	25	339	364
T TONNAGE.	357	4,387	4,744
	99	-	99
T TONNAGE.	1,095	-	1,095
M.	-	3	3
T TONNAGE.	-	175	175
TOTAL VESSELS.	124	342	466
TOTAL NET TONNAGE.	1,452	4,562	6,014
R.	4,490	4,223	8,713
R.	2,151	2,823	4,974
ORY BOATS.	-	72	72
S:			
E SEINES, MENHADEN	-	18	18
NGTH, YARDS.	-	6,750	6,750
SEINES, COMMON.	293	318	611
NGTH, YARDS.	93,720	208,125	301,845
NETS:			
CHOR	128	124	252
QUARE YARDS	244,600	55,740	300,340
FT.	288	596	884
SQUARE YARDS	797,608	909,900	1,707,508
AROUND.	-	5	5
QUARE YARDS	-	1,900	1,900
KE.	421	517	938
QUARE YARDS	980,400	460,920	1,441,320
S:			
D	232	847	1,079
OKS.	424	977	1,401
WL OR TROT WITH HOOKS	7	3	10
OOKS.	210	620	830
WITH BAITS OR SNOODS.	1,168	586	1,754
ITS OR SNOODS.	750,000	375,500	1,125,500
NETS	617	1,490	2,107
NETS.	-	3	3
ARE YARDS	-	1,400	1,400
NETS:			
B	-	809	809
H	354	758	1,112
NETS, COMMON	707	504	1,211
R TRAWLS, FISH	14	44	58
RDS AT MOUTH	315	937	1,252
TRAPS	-	6	6
:			
AB	19,400	46,650	66,050
L.	24,845	2,647	27,492
SH	1,856	1,701	3,557
RTLE	599	497	1,096
PES.	362	152	514
RDS AT MOUTH	464	185	649
GES:			
AB	60	288	348
YARDS AT MOUTH	50	437	487
STER, COMMON	303	443	746
YARDS AT MOUTH	328	500	828
HER.	9	-	9
YARDS AT MOUTH	22	-	22
S:			
STER	4,371	2,770	7,141
HER.	80	453	533
S:			
STER	-	92	92
HER.	114	573	687

CATCH BY STATES, 1948

SPECIES	MARYLAND		VIRGINIA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
ALEWIVES	3,720,100	$81,189	19,364,600	$393,199	23,084,700	$474,
ANGLERFISH	2,000	40	-	-	2,000	
BLUEFISH	131,200	20,796	271,700	31,076	402,900	51,
BLUE PIKE	100	11	-	-	100	
BOWFIN	1,300	36	-	-	1,300	
BUTTERFISH	232,400	18,951	1,330,500	71,946	1,562,900	90,
CARP	333,800	19,530	1,031,800	49,891	1,365,600	69,
CATFISH AND BULLHEADS	685,300	45,840	1,437,300	100,634	2,122,600	146,
COD	57,300	2,865	11,100	533	68,400	3,
CRAPPIE	7,600	424	-	-	7,600	
CROAKER	2,216,800	239,097	23,152,100	2,687,933	25,368,900	2,927,
DRUM:						
BLACK	77,500	5,120	88,300	4,906	165,800	10,
RED OR REDFISH	-	-	34,700	2,855	34,700	2,
EELS:						
COMMON	845,700	108,048	436,800	52,350	1,282,500	160,
CONGER	1,800	54	23,300	699	25,100	
FLOUNDERS	472,300	64,725	1,882,100	226,838	2,354,400	291,
GIZZARD SHAD	6,100	320	143,300	3,262	149,400	3,
HADDOCK	-	-	100	6	100	
HAKE:						
RED	3,300	92	-	-	3,300	
WHITE	14,800	444	84,600	3,569	99,400	4,
HALIBUT	200	28	-	-	200	
HARVESTFISH OR "STARFISH"	-	-	673,500	38,414	673,500	38,
HERRING, SEA	88,800	1,776	209,100	4,185	297,900	5,
HICKORY SHAD	22,400	1,378	77,800	3,890	100,200	5,
HOGCHOKER	5,600	298	-	-	5,600	
JEWFISH	-	-	100	4	100	
KING WHITING OR "KINGFISH"	13,800	1,242	461,700	35,808	475,500	37,
LADYFISH	200	16	-	-	200	
MACKEREL	199,700	17,973	2,279,900	198,645	2,479,600	216,
MENHADEN	564,600	5,576	151,367,000	1,570,592	151,931,600	1,576,
MULLET	-	-	61,600	4,306	61,600	4,
PIGFISH	2,000	80	37,200	1,763	39,200	1,
PIKE OR PICKEREL	23,200	4,578	-	-	23,200	4,
POMPANO	-	-	2,600	650	2,600	
ROSEFISH (OCEAN PERCH)	500	14	-	-	500	
RUDDERFISH	-	-	300	6	300	
SAND PERCH	23,200	1,035	41,900	1,279	65,100	2,
SCUP OR PORGY	1,669,300	100,158	7,055,000	510,782	8,724,300	610,
SEA BASS	290,900	26,181	7,239,000	656,614	7,529,900	582,
SEA ROBIN	-	-	29,500	1,014	29,500	1,
SEA TROUT OR WEAKFISH:						
GRAY	1,109,000	122,559	11,853,800	763,832	12,962,800	886,
SPOTTED	-	-	88,700	13,000	88,700	13,
SHAD	1,004,400	150,797	3,205,900	532,816	4,210,300	683,
SHARKS	31,100	1,244	373,300	14,932	404,400	16,
SHEEPSHEAD, SALT-WATER	-	-	1,100	90	1,100	
SKATES	4,100	41	400	72	4,500	
SNAPPER, MANGROVE	400	48	-	-	400	
SPANISH MACKEREL	-	-	33,200	5,976	33,200	5,
SPOT	112,000	10,027	3,958,200	228,342	4,070,200	238,
STRIPED BASS	2,650,200	487,360	2,452,100	332,954	5,102,300	820,
STURGEON	3,600	874	37,800	8,805	41,400	9,
SUCKERS	11,400	565	700	56	12,100	
SUNFISH	1,700	91	-	-	1,700	
SWELLFISH	16,400	656	87,900	3,636	104,300	4,
TAUTOG	4,000	243	18,200	1,289	22,200	1,
TILEFISH	-	-	11,800	937	11,800	
TOMCOD	-	-	2,500	125	2,500	
TUNA AND TUNALIKE FISHES:						
BONITO	14,500	1,880	18,100	1,629	32,600	3,
LITTLE	1,000	50	15,500	715	16,500	
TOTAL TUNA	15,500	1,930	33,600	2,344	49,100	4,
WHITE PERCH	945,300	82,643	689,500	34,300	1,634,800	116,
WHITING	7,700	231	33,700	1,011	41,400	1,
YELLOW PERCH	199,500	28,667	20,900	1,288	220,400	29,
YELLOW PIKE	200	41	-	-	200	
UNCLASSIFIED	110,500	2,445	-	-	110,500	2,
TOTAL	17,940,800	1,658,377	241,731,800	8,603,454	259,672,600	10,261,

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

SPECIES	MARYLAND		VIRGINIA		TOTAL	
SHELLFISH, ETC.	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ABS, BLUE:						
HARD	20,620,500	$1,272,722	42,693,200	$2,392,072	63,313,700	$3,664,794
SOFT AND PEELERS	1,862,400	377,750	2,770,400	552,100	4,632,800	929,850
BSTERS, NORTHERN	1,500	450	900	270	2,400	720
AMS, HARD:						
PUBLIC	162,800	81,400	872,700	436,350	1,035,500	517,750
PRIVATE	37,100	18,550	694,200	347,075	731,300	365,625
TOTAL CLAMS	199,900	99,950	1,566,900	783,425	1,766,800	883,375
NCHS	30,900	3,090	59,300	5,930	90,200	9,020
STERS, MARKET:						
PUBLIC, SPRING	4,968,800	1,755,142	3,025,600	1,022,920	7,994,400	2,778,062
PUBLIC, FALL	6,656,400	2,315,390	3,536,700	1,111,640	10,193,100	3,427,030
PRIVATE, SPRING	796,000	328,350	7,433,900	2,519,250	8,229,900	2,847,600
PRIVATE, FALL	863,900	361,510	7,121,300	2,371,130	7,985,200	2,732,640
TOTAL OYSTERS	13,285,100	4,760,392	21,117,500	7,024,940	34,402,600	11,785,332
CALLOPS, SEA	100	40	-	-	100	40
QUID	76,200	6,096	68,300	3,656	144,500	9,752
ERRAPIN, DIAMOND-BACK	144,900	36,225	19,000	4,750	163,900	40,975
URTLES:						
LOGGERHEAD	-	-	2,800	156	2,800	156
SNAPPER	51,100	4,948	92,900	13,429	144,000	18,377
TOTAL	36,272,600	6,561,663	68,391,200	10,780,728	104,663,800	17,342,391
GRAND TOTAL	54,213,400	8,220,040	310,123,000	19,384,182	364,336,400	27,604,222

SUPPLEMENTARY REVIEW OF THE CATCH OF CERTAIN SHELLFISH, 1948

PRODUCT		MARYLAND		VIRGINIA		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ABS, BLUE:							
HARD	NUMBER	58,067,300	$1,272,722	125,241,650	$2,392,072	183,308,950	$3,664,794
SOFT AND PEELERS	DO	7,388,400	377,750	11,081,600	552,100	18,470,000	929,850
LAMS, HARD:							
PUBLIC	BUSHELS	23,257	81,400	124,671	436,350	147,928	517,750
RIVATE	DO	5,300	18,550	99,171	347,075	104,471	365,625
NCHS	DO	2,060	3,090	3,953	5,930	6,013	9,020
STERS, MARKET:							
PUBLIC, SPRING	DO	1,102,557	1,755,142	681,025	1,022,920	1,783,582	2,778,062
PUBLIC, FALL	DO	1,649,997	2,315,390	877,227	1,111,640	2,527,224	3,427,030
PRIVATE, SPRING	DO	171,368	328,350	1,713,665	2,519,250	1,885,033	2,847,600
PRIVATE, FALL	DO	205,410	361,510	1,811,247	2,371,130	2,016,657	2,732,640

E:--BUSHELS REPRESENT U. S. STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1948

PRODUCT		MARYLAND	VIRGINIA
		QUANTITY	QUANTITY
ABS, BLUE:			
HARD	NUMBER PER POUND	2.82	2.93
SOFT AND PEELERS	DO	3.97	4.00
LAMS, HARD:			
PUBLIC	LBS. MEATS PER U. S. BUSHEL	7.00	7.00
PRIVATE	DO	7.00	7.00
ONCHS	DO	15.00	15.00
YSTERS, MARKET:			
PUBLIC, SPRING	DO	4.51	4.44
PUBLIC, FALL	DO	4.03	4.03
PRIVATE, SPRING	DO	4.64	4.34
PRIVATE, FALL	DO	4.21	3.93

OTE:--BUSHELS REPRESENT U. S. STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/

ITEM	YEAR	UNIT	MARYLAND QUANTITY	MARYLAND VALUE	VIRGINIA QUANTITY	VIRGINIA VALUE
BY MANUFACTURING ESTABLISHMENTS:						
ALEWIVES:						
CANNED	1948	STANDARD CASES	76,340	$410,447	46,794	$228,909
ROE, CANNED	1948	DO	6,379	107,137	14,319	258,812
SALTED:						
CORNED	1940	POUNDS	30,000	800	2,179,300	53,196
PICKLED 2/	1940	DO	2,406,150	84,371	2,445,350	92,448
TIGHT-PACK CUT	1940	DO	-	-	280,100	12,698
WITH ROE	1940	DO	-	-	62,700	3,874
SMOKED	1940	DO	5,000	500	-	-
BUTTERFISH, SMOKED	1940	DO	79,000	19,750	-	-
CARP, SMOKED	1940	DO	2,800	800	-	-
CHUB, CISCO AND TULLIBEE SMOKED	1940	DO	186,000	58,100	-	-
EELS, SMOKED	1940	DO	23,000	6,625	-	-
FLOUNDERS:						
FRESH FILLETS	1948	DO	-	-	57,000	20,600
FROZEN FILLETS	1948	DO	-	-	23,000	9,000
HERRING, SEA:						
CANNED	1948	STANDARD CASES	21,550	109,550	-	-
SMOKED	1940	POUNDS	48,000	5,600	-	-
LAKE TROUT, SMOKED	1940	DO	9,000	3,150	-	-
MACKEREL:						
CANNED	1948	STANDARD CASES	51,290	427,828	(3)	(3)
CANNED ROE	1948	DO	615	6,565	-	-
MENHADEN:						
MEAL AND SCRAP	1948	TONS	-	-	16,086	1,853,922
OIL	1948	GALLONS	-	-	812,764	1,131,540
SABLEFISH, SMOKED	1940	POUNDS	30,000	8,000	-	-
SALMON, SMOKED	1940	DO	195,000	67,350	-	-
SEA BASS, FRESH & FROZEN FILLETS	1948	DO	-	-	64,000	22,480
SEA TROUT:						
FRESH FILLETS	1948	DO	-	-	194,400	59,436
FROZEN FILLETS	1948	DO	-	-	166,164	48,818
SHAD, CANNED	1948	STANDARD CASES	1,371	14,172	(3)	(3)
STURGEON, SMOKED	1940	POUNDS	8,000	6,600	-	-
WHITEFISH, SMOKED	1940	DO	33,500	11,725	-	-
CLAMS, HARD, FRESH-SHUCKED	1940	GALLONS	-	-	4,450	8,170
CRABS, HARD:						
MEAT, FRESH-COOKED	1940	POUNDS	2,050,280	726,339	1,891,237	690,600
MEAL AND SCRAP	1948	TONS	2,400	122,100	2,139	115,400
MUSSELS, SEA, STEAMED AND SHUCKED	1940	POUNDS	-	-	901,978	187,354
OYSTERS, FRESH-SHUCKED	1940	GALLONS	2,439,138	2,741,365	2,191,988	2,666,544
MISCELLANEOUS CANNED 4/	1948	STANDARD CASES	24,215	301,025	7,898	35,528
MISCELLANEOUS FRESH AND FROZEN 5/	1948	POUNDS	-	-	47,700	12,880
MISCELLANEOUS BYPRODUCTS 6/	1948	-	-	2,058,429	-	232,544
TOTAL		-	-	7,298,328	-	7,744,753
BY FISHERMEN:						
ALEWIVES, SALTED:						
CORNED	1940	POUNDS	5,800	215	-	-
PICKLED 2/	1940	DO	80,000	2,400	-	-
EELS, SALTED	1940	DO	122,620	10,551	-	-
HOGCHOKER, SALTED	1940	DO	3,000	140	-	-
TOTAL		-	211,420	13,306	-	-
GRAND TOTAL		-	-	7,311,634	-	7,744,753

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL MAY BE SHOWN IN ITS FINAL STAGE OF PROCESSING IN THIS OR ANOTHER STATE.

3/ INCLUDED WITH MISCELLANEOUS PRODUCTS.

4/ MISCELLANEOUS CANNED IN MARYLAND INCLUDES SARDINES, WHITING, HARD CLAM CHOWDER, AND CRAB MEAT; IN VIRGINIA, MACKEREL, SHAD, SHAD ROE, CARP ROE, TROUT ROE, FISH CAKES AND ANIMAL FOOD.

5/ MISCELLANEOUS FRESH AND FROZEN IN VIRGINIA INCLUDES CROAKER, SHARK, AND STRIPED BASS.

6/ MISCELLANEOUS BYPRODUCTS IN MARYLAND INCLUDE MARINE PEARL-SHELL BUTTONS, OYSTER-SHELL GRIT AND UNBURNED LIME, FISH SCRAP, MEAL AND MISCELLANEOUS OIL; IN VIRGINIA, OYSTER-SHELL GRIT, BURNED AND UNBURNED LIME, AND SOME SCRAP MEAL.

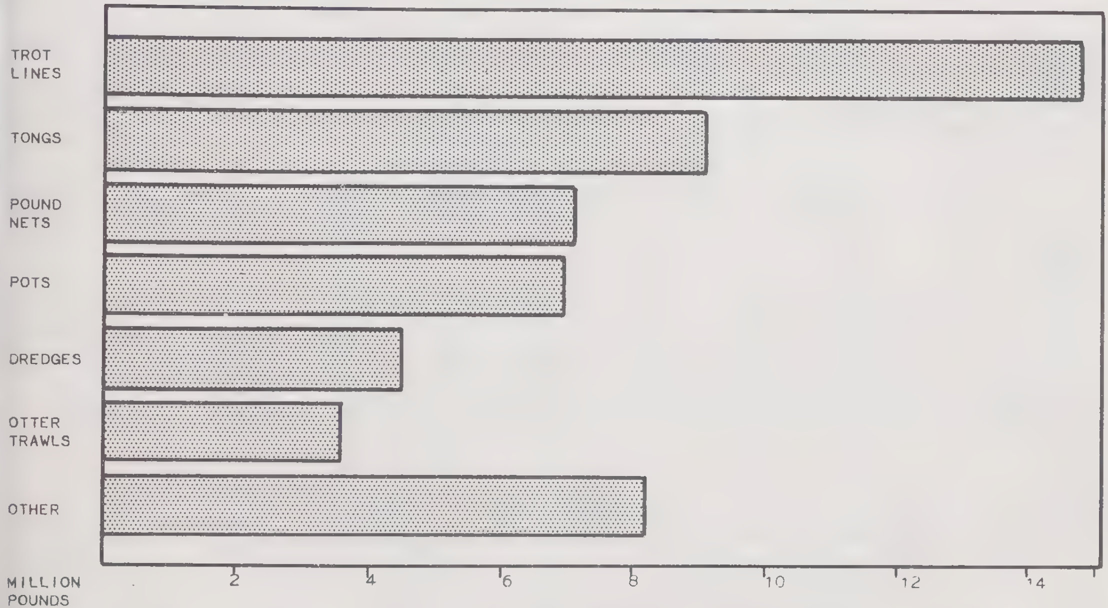
NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

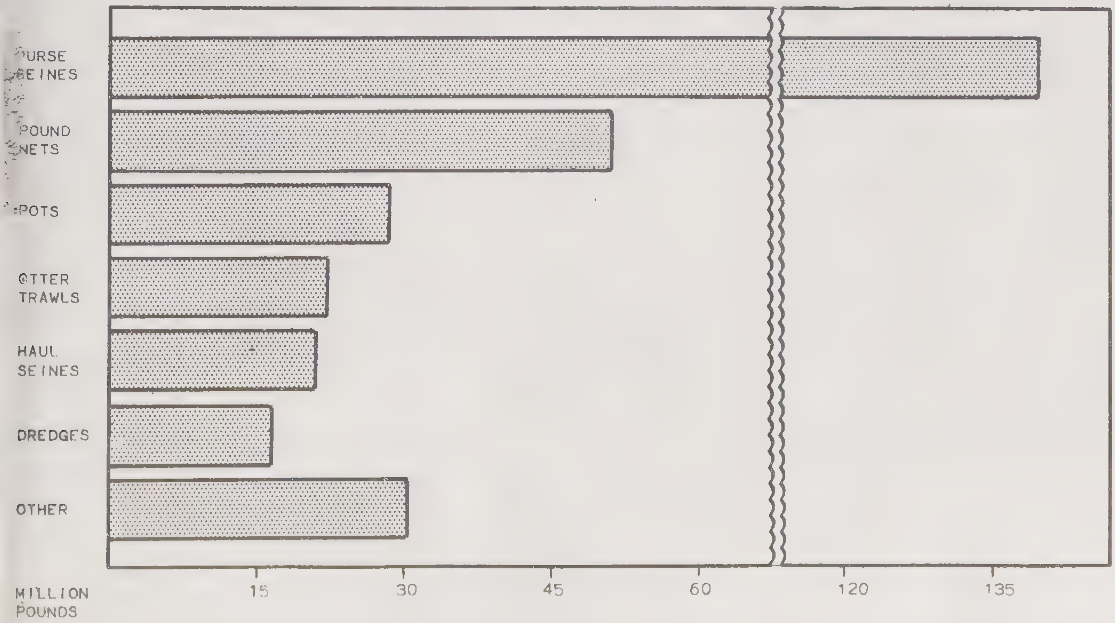
SUMMARY OF ITEMS:

ITEM	YEAR	UNIT	QUANTITY	VALUE
RESH AND FROZEN PACKAGED FISH.	1948	POUNDS	552,265	$173,214
ANNED FISH AND SHELLFISH . . .	1948	STANDARD CASES	250,771	1,899,973
YPRODUCTS.	1948	-	-	5,513,935
ACKAGED SHELLFISH.	1940	POUNDS	45,404,785	7,020,372
ALTED AND PICKLED.	1940	DO	7,615,020	260,693
MOKED AND KIPPERED	1940	DO	619,300	188,200
TOTAL.	-	-	-	15,056,387

MARYLAND: CATCH BY GEAR, 1948



VIRGINIA: CATCH BY GEAR, 1948



MARYLAND

OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS			LINES			POUND NETS	FYKE NETS, FISH
		ANCHOR	DRIFT	STAKE	HAND	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS OR SNOODS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:									
ON VESSELS	-	-	23	-	13	-	-	-	-
ON BOATS AND SHORE:									
REGULAR	579	95	340	437	77	2	896	482	87
CASUAL	699	129	217	226	94	5	303	233	55
TOTAL	1,278	224	580	663	184	7	1,199	715	142
VESSELS, MOTOR	-	-	8	-	4	-	-	-	-
NET TONNAGE	-	-	98	-	55	-	-	-	-
BOATS:									
MOTOR	293	128	267	369	57	3	1,024	228	94
OTHER	382	15	13	66	-	4	144	219	15
APPARATUS:									
NUMBER	293	128	288	421	232	7	1,168	617	354
LENGTH, YARDS	93,720	-	-	-	-	-	-	-	-
SQUARE YARDS	-	244,600	797,608	980,400	-	-	-	-	-
HOOKS, BAITS, OR SNOODS	-	-	-	-	424	210	750,000	-	-

ITEM	DIP NETS, COMMON	OTTER TRAWLS, FISH	POTS				SCRAPES	DREDGES
			CRAB	EEL	FISH	TURTLE		CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	74	-	-	-	-	-	-
ON BOATS AND SHORE:								
REGULAR	232	-	317	271	69	24	308	20
CASUAL	475	-	145	349	60	14	80	26
TOTAL	707	74	462	620	129	38	388	46
VESSELS, MOTOR	-	14	-	-	-	-	-	-
NET TONNAGE	-	250	-	-	-	-	-	-
BOATS:								
MOTOR	-	-	388	279	65	14	278	30
OTHER	707	-	-	147	18	17	-	-
APPARATUS:								
NUMBER	707	14	19,400	24,845	1,856	599	362	60
YARDS AT MOUTH	-	315	-	-	-	-	464	50

ITEM	DREDGES - CONT'D.		TONGS		RAKES, OTHER THAN FOR OYSTERS	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER, COMMON	OTHER	OYSTER	OTHER		OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	473	-	-	-	-	-	-	559
ON BOATS AND SHORE:								
REGULAR	104	10	3,735	60	91	15	192	5,462
CASUAL	-	5	636	20	23	14	124	3,030
TOTAL	577	15	4,371	80	114	29	316	9,051
VESSELS:								
MOTOR	7	-	-	-	-	-	-	25
NET TONNAGE	63	-	-	-	-	-	-	357
SAIL	99	-	-	-	-	-	-	99
NET TONNAGE	1,095	-	-	-	-	-	-	1,095
TOTAL VESSELS	106	-	-	-	-	-	-	124
TOTAL NET TONNAGE	1,158	-	-	-	-	-	-	1,452
BOATS:								
MOTOR	52	9	2,988	33	24	5	62	4,490
OTHER	-	-	-	25	58	12	143	2,151
APPARATUS:								
NUMBER	303	9	4,371	80	114	-	-	-
YARDS AT MOUTH	328	22	-	-	-	-	-	-

MARYLAND: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS						LINES	
			ANCHOR		DRIFT		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EWIVES	117,900	$2,858	33,300	$865	18,700	$455	206,700	$4,779	-	-
UEFISH	1,300	92	-	-	-	-	-	-	19,500	$3,510
TTERFISH	-	-	-	-	1,800	126	-	-	-	-
RP	240,900	14,654	1,500	97	5,600	350	12,000	643	-	-
TFISH AND BULLHEADS	158,100	9,365	4,800	270	4,900	666	14,200	815	-	-
APPIE	5,200	279	-	-	-	-	-	-	-	-
OAKER	1,456,100	153,866	1,300	230	2,600	302	10,700	1,222	4,100	450
OUNDERS	400	38	1,000	90	-	-	600	50	41,600	5,824
ZZARD SHAD	1,200	58	200	11	100	7	2,200	146	-	-
ERRING, SEA	-	-	-	-	2,900	58	-	-	-	-
CKORY SHAD	300	19	3,600	236	1,900	110	6,900	458	-	-
NG WHITING OR "KINGFISH"	-	-	-	-	-	-	-	-	1,200	108
ACKEREL	-	-	-	-	180,000	16,200	-	-	-	-
ENHADEN	1,000	13	-	-	-	-	-	-	-	-
KE OR PICKEREL	5,900	1,050	300	52	600	93	3,200	493	-	-
AND PERCH	12,800	616	-	-	1,600	65	100	6	-	-
UP OR PORGY	-	-	-	-	-	-	-	-	3,800	228
EA BASS	-	-	-	-	-	-	-	-	5,000	450
EA TROUT OR WEAKFISH, GRAY	57,900	8,698	300	70	300	118	2,900	422	1,200	108
HAD	18,200	1,888	212,500	27,264	121,500	17,040	280,800	44,716	-	-
HARKS	-	-	-	-	800	32	-	-	1,700	68
POT	73,900	6,658	-	-	-	-	500	44	600	36
TRIPED BASS	624,300	114,019	183,100	34,647	320,500	59,300	575,100	105,613	12,400	1,726
UCKERS	8,400	411	200	10	-	-	100	8	-	-
UNFISH	800	43	-	-	-	-	500	27	-	-
UNA AND TUNALIKE FISHES, BONITO	-	-	-	-	-	-	-	-	14,000	1,820
HITE PERCH	288,200	24,676	31,400	2,960	95,500	9,053	184,900	16,533	-	-
ELLOW PERCH	40,800	5,610	2,900	486	3,700	525	19,300	3,274	-	-
LLOW PIKE	200	41	-	-	-	-	-	-	-	-
NCLASSIFIED	3,300	294	-	-	-	-	100	6	-	-
RTLES, SNAPPER	-	-	-	-	-	-	-	-	8,100	648
TOTAL	3,117,100	345,246	476,400	67,288	763,500	104,500	1,320,800	179,255	113,200	14,976

SPECIES	LINES - CONTINUED				POUND NETS		FYKE NETS	
	TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EWIVES	-	-	-	-	3,327,000	$71,845	16,500	$387
EFISH	-	-	-	-	16,400	1,194	-	-
UE PIKE	-	-	-	-	100	11	-	-
WFIN	-	-	-	-	1,300	36	-	-
TERFISH	-	-	-	-	179,800	14,761	-	-
RP	-	-	-	-	51,600	2,369	22,200	1,417
TFISH AND BULLHEADS	2,000	$140	-	-	116,900	8,241	104,700	6,854
PPIE	-	-	-	-	2,000	121	400	24
AKER	-	-	-	-	284,000	32,786	8,100	741
M, BLACK	-	-	-	-	76,000	5,015	-	-
OUNDERS	-	-	-	-	32,500	3,213	100	10
ZZARD SHAD	-	-	-	-	2,400	98	-	-
KE, RED	-	-	-	-	3,300	92	-	-
ERRING, SEA	-	-	-	-	56,700	1,134	-	-
CKORY SHAD	-	-	-	-	9,700	555	-	-
OGCHOKER	-	-	-	-	500	43	100	5
ING WHITING OR "KINGFISH"	-	-	-	-	100	9	-	-
ADYFISH	-	-	-	-	200	16	-	-
ACKEREL	-	-	-	-	8,500	765	-	-
ENHADEN	-	-	-	-	543,300	5,441	-	-
IKE OR PICKEREL	-	-	-	-	6,200	1,140	7,000	1,750
AND PERCH	-	-	-	-	4,000	155	800	37
CUP OR PORGY	-	-	-	-	1,600	96	-	-
EA TROUT OR WEAKFISH, GRAY	-	-	-	-	637,400	76,378	-	-
HAD	-	-	-	-	369,800	59,679	1,000	138
NAPPER, MANGROVE	-	-	-	-	400	48	-	-
POT	-	-	-	-	35,100	3,175	-	-
TRIPED BASS	-	-	-	-	911,600	168,596	10,600	1,947
TURGEON	-	-	-	-	600	124	-	-
UCKERS	-	-	-	-	800	48	1,900	88
UNFISH	-	-	-	-	-	-	400	21
AUTOG	-	-	-	-	1,900	96	-	-

(CONTINUED ON NEXT PAGE)

MARYLAND: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES - CONTINUED				POUND NETS		FYKE NETS	
	TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITE PERCH	-	-	-	-	272,200	$22,957	69,000	$6,34
YELLOW PERCH	-	-	-	-	12,800	1,784	120,000	16,98
UNCLASSIFIED	-	-	-	-	107,100	2,145	-	-
CRABS, BLUE:								
HARD	-	-	14,585,200	$894,771	-	-	-	-
SOFT AND PEELERS	-	-	144,900	30,720	-	-	-	-
SQUID	-	-	-	-	6,800	544	-	-
TURTLES, SNAPPER	800	$80	-	-	-	-	-	-
TOTAL	2,800	220	14,730,100	925,491	7,080,600	484,710	362,800	36,74

SPECIES	DIP NETS		OTTER TRAWLS		POTS		SCRAPES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	2,000	$40	-	-	-	-
BLUEFISH	-	-	94,000	16,000	-	-	-	-
BUTTERFISH	-	-	50,800	4,064	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	279,700	$19,489	-	-
COD	-	-	57,300	2,865	-	-	-	-
CROAKER	-	-	449,900	49,500	-	-	-	-
DRUM, BLACK	-	-	1,500	105	-	-	-	-
EELS:								
COMMON	-	-	-	-	845,700	108,048	-	-
CONGER	-	-	1,800	54	-	-	-	-
FLOUNDERS	-	-	396,100	55,500	-	-	-	-
HAKE, WHITE	-	-	14,800	444	-	-	-	-
HALIBUT	-	-	200	28	-	-	-	-
HERRING, SEA	-	-	29,200	584	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	12,500	1,125	-	-	-	-
MACKEREL	-	-	11,200	1,008	-	-	-	-
MENHADEN	-	-	20,300	122	-	-	-	-
PIGFISH	-	-	2,000	80	-	-	-	-
ROSEFISH (OCEAN PERCH)	-	-	500	14	-	-	-	-
SAND PERCH	-	-	3,900	156	-	-	-	-
SCUP OR PORGY	-	-	1,663,900	99,834	-	-	-	-
SEA BASS	-	-	285,900	25,731	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	408,500	36,765	-	-	-	-
SHAD	-	-	600	72	-	-	-	-
SHARKS	-	-	28,600	1,144	-	-	-	-
SKATES	-	-	4,100	41	-	-	-	-
SPOT	-	-	1,900	114	-	-	-	-
STRIPED BASS	-	-	12,600	1,512	-	-	-	-
STURGEON	-	-	3,000	750	-	-	-	-
SWELLFISH	-	-	16,400	656	-	-	-	-
TAUTOG	-	-	2,100	147	-	-	-	-
TUNA AND TUNALIKE FISHES:								
BONITO	-	-	500	60	-	-	-	-
LITTLE	-	-	1,000	50	-	-	-	-
WHITE PERCH	-	-	4,100	123	-	-	-	-
WHITING	-	-	7,700	231	-	-	-	-
CRABS, BLUE:								
HARD	7,800	$539	-	-	5,723,800	349,382	91,000	$6,76
SOFT AND PEELERS	134,800	30,070	-	-	63,900	13,180	1,518,800	303,78
LOBSTERS, NORTHERN	-	-	1,500	450	-	-	-	-
CONCHS	-	-	30,900	3,090	-	-	-	-
SCALLOPS, SEA	-	-	100	40	-	-	-	-
SQUID	-	-	69,400	5,552	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	42,200	4,220	-	-
TOTAL	142,600	30,609	3,690,800	308,051	6,955,300	494,319	1,609,800	310,54

SPECIES	DREDGES		TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HOGCHOKER	5,000	$250	-	-	-	-	-	-
CRABS, BLUE, HARD	212,700	21,270	-	-	-	-	-	-
CLAMS, HARD:								
PUBLIC	1,800	900	43,000	$21,500	79,000	$39,500	39,000	$19,50
PRIVATE	1,100	550	22,000	11,000	14,000	7,000	-	-
OYSTERS, MARKET:								
PUBLIC, SPRING	1,476,800	532,950	3,492,000	1,222,192	-	-	-	-
PUBLIC, FALL	2,025,800	732,740	4,630,600	1,582,650	-	-	-	-
PRIVATE, SPRING	360,000	157,580	436,000	170,770	-	-	-	-
PRIVATE, FALL	403,700	160,450	460,200	201,060	-	-	-	-
TERRAPIN, DIAMOND-BACK	29,300	7,325	-	-	-	-	115,600	28,90
TOTAL	4,516,200	1,614,015	9,083,800	3,209,172	93,000	46,500	154,600	48,40

VIRGINIA

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS				LINES			POUND NETS
			ANCHOR	DRIFT	RUNAROUND	STAKE	HAND	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS OR SNOODS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
SHERMEN:										
ON VESSELS	489	90	-	54	-	-	8	-	-	-
ON BOATS AND SHORE:										
REGULAR	-	783	116	369	4	310	56	2	455	1,242
CASUAL	-	634	114	706	6	344	89	1	201	703
TOTAL	489	1,507	230	1,129	10	654	153	3	656	1,945
SSELS:										
MOTOR	15	18	-	18	-	-	2	-	-	-
NET TONNAGE	915	111	-	165	-	-	48	-	-	-
STEAM	3	-	-	-	-	-	-	-	-	-
NET TONNAGE	175	-	-	-	-	-	-	-	-	-
TOTAL VESSELS	18	18	-	18	-	-	2	-	-	-
TOTAL NET TONNAGE	1,090	111	-	165	-	-	48	-	-	-
ATS:										
MOTOR	-	309	106	457	5	323	58	3	549	536
OTHER	-	455	18	108	-	85	15	-	37	480
CESSORY BOATS	54	18	-	-	-	-	-	-	-	-
PARATUS:										
NUMBER	18	318	124	596	5	517	847	3	586	1,490
LENGTH, YARDS	6,750	208,125	-	-	-	-	-	-	-	-
SQUARE YARDS	-	-	55,740	909,900	1,900	460,920	-	-	-	-
HOOKS, BAITS, OR SNOODS	-	-	-	-	-	-	977	620	375,500	-

ITEM	STOP NETS	FYKE NETS		DIP NETS, COMMON	OTTER TRAWLS, FISH	SLAT TRAPS	POTS			
		CRAB	FISH				CRAB	EEL	FISH	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
SHERMEN:										
ON VESSELS	-	-	-	-	217	-	4	-	-	-
ON BOATS AND SHORE:										
REGULAR	6	121	112	211	9	-	737	87	77	24
CASUAL	-	51	92	293	-	6	370	70	25	16
TOTAL	6	172	204	504	226	6	1,111	157	102	40
SSELS, MOTOR	-	-	-	-	41	-	2	-	-	-
ET TONNAGE	-	-	-	-	1,021	-	10	-	-	-
S:										
MOTOR	2	126	144	-	3	1	931	109	55	13
THER	4	23	18	504	-	5	-	17	5	20
RATUS:										
UMBER	3	809	758	504	44	6	46,650	2,647	1,701	497
UARE YARDS	1,400	-	-	-	-	-	-	-	-	-
RDS AT MOUTH	-	-	-	-	937	-	-	-	-	-

ITEM	SCRAPES	DREDGES		TONGS		RAKES		BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
		CRAB	OYSTER, COMMON	OYSTER	OTHER	OYSTER	OTHER	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
SHERMEN:										
ON VESSELS	-	259	273	230	-	-	-	-	-	1,534
ON BOATS AND SHORE:										
REGULAR	152	108	450	2,103	239	32	369	355	243	5,290
CASUAL	28	-	8	437	214	60	204	75	131	4,115
TOTAL	180	367	731	2,770	453	92	573	430	374	10,939
SSELS:										
MOTOR	-	89	95	95	-	-	-	-	-	339
NET TONNAGE	-	889	953	580	-	-	-	-	-	4,387
STEAM	-	-	-	-	-	-	-	-	-	3
NET TONNAGE	-	-	-	-	-	-	-	-	-	175
TOTAL VESSELS	-	89	95	95	-	-	-	-	-	342
TOTAL NET TONNAGE	-	889	953	580	-	-	-	-	-	4,562
ATS:										
MOTOR	100	62	226	1,752	222	30	97	70	53	4,223
OTHER	-	-	17	252	133	57	423	325	246	2,823
CESSORY BOATS	-	-	-	-	-	-	-	-	-	72
PPARATUS:										
NUMBER	152	288	443	2,770	453	92	573	-	-	-
YARDS AT MOUTH	185	437	500	-	-	-	-	-	-	-

VIRGINIA: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS					
					ANCHOR		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	1,293,100	$26,513	-	-	119,800	$2,432	-	-
BLUEFISH	-	-	67,100	7,490	9,900	$1,000	3,600	480	-	-
BUTTERFISH	-	-	26,500	1,379	-	-	1,300	65	-	-
CARP	-	-	783,900	40,486	-	-	3,000	120	-	-
CATFISH AND BULLHEADS	-	-	157,500	11,039	-	-	-	-	-	-
CROAKER	-	-	11,588,800	1,312,078	128,900	15,095	-	-	-	-
DRUM:										
BLACK	-	-	3,400	138	-	-	-	-	-	-
RED OR REDFISH	-	-	5,700	473	-	-	-	-	-	-
EELS, COMMON	-	-	10,300	1,150	-	-	-	-	-	-
FLOUNDERS	-	-	237,100	28,524	-	-	-	-	-	-
GIZZARD SHAD	-	-	80,300	1,853	-	-	700	14	-	-
HARVESTFISH OR "STARFISH"	-	-	2,000	100	-	-	-	-	-	-
HERRING, SEA	-	-	-	-	-	-	4,500	93	-	-
HICKORY SHAD	-	-	8,500	425	-	-	2,800	140	-	-
KING WHITING OR "KINGFISH"	-	-	18,400	1,493	-	-	-	-	-	-
MACKEREL	21,700	$1,953	-	-	-	-	1,817,500	155,387	-	-
MENHADEN	140,303,900	1,487,221	1,433,000	10,712	-	-	-	-	-	-
MULLET	-	-	17,200	1,203	2,700	189	17,900	1,253	2,300	$161
PIGFISH	-	-	3,200	145	600	36	-	-	-	-
POMPANO	-	-	2,600	650	-	-	-	-	-	-
SCUP OR PORGY	-	-	2,200	132	-	-	-	-	-	-
SEA BASS	-	-	-	-	-	-	100	6	-	-
SEA TROUT OR WEAKFISH:										
GRAY	-	-	852,200	54,087	31,600	2,180	100	6	-	-
SPOTTED	-	-	49,500	7,337	-	-	-	-	-	-
SHAD	-	-	112,200	16,686	-	-	678,200	113,436	-	-
SHARKS	200	8	14,200	568	-	-	284,000	11,360	-	-
SPOT	-	-	2,317,400	134,756	86,600	5,157	-	-	-	-
STRIPED BASS	-	-	1,684,200	215,617	-	-	7,900	1,267	-	-
SWELLFISH	-	-	7,400	298	-	-	-	-	-	-
TAUTOG	-	-	2,900	203	-	-	-	-	-	-
TUNA AND TUNALIKE FISHES:										
BONITO	-	-	500	45	-	-	-	-	-	-
LITTLE	-	-	300	15	-	-	-	-	-	-
WHITE PERCH	-	-	240,000	11,682	-	-	12,300	954	-	-
YELLOW PERCH	-	-	2,700	162	-	-	-	-	-	-
TERRAPIN, DIAMOND-BACK	-	-	2,400	600	-	-	-	-	-	-
TOTAL	140,325,800	1,489,182	21,026,700	1,888,039	260,300	23,657	2,953,700	287,013	2,300	16

SPECIES	GILL NETS - CONT'D.		LINES					
	STAKE		HAND		TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	77,700	$1,626	-	-	-	-	-	-
BLUEFISH	-	-	3,700	$453	-	-	-	-
CARP	6,300	252	-	-	-	-	-	-
CATFISH AND BULLHEADS	4,800	336	-	-	11,700	819	-	-
COD	-	-	700	42	-	-	-	-
CROAKER	2,400	288	6,600	767	-	-	-	-
FLOUNDERS	-	-	1,100	132	-	-	-	-
GIZZARD SHAD	1,700	34	-	-	-	-	-	-
HICKORY SHAD	2,200	110	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	500	40	-	-	-	-
MENHADEN	32,900	246	-	-	-	-	-	-
MULLET	9,600	572	-	-	-	-	-	-
PIGFISH	-	-	300	21	-	-	-	-
SCUP OR PORGY	-	-	1,800	108	-	-	-	-
SEA BASS	-	-	73,600	6,977	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	900	61	11,800	831	-	-	-	-
SHAD	568,600	93,783	-	-	-	-	-	-
SHARKS	-	-	3,300	132	-	-	-	-
SPOT	17,700	1,062	10,900	649	-	-	-	-

(CONTINUED ON NEXT PAGE)

VIRGINIA: CATCH BY GEAR, 1948 - Continued

SPECIES	GILL NETS - CONT'D.		LINES					
	STAKE		HAND		TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PED BASS	203,800	$31,910	-	-	-	-	-	-
PERCH	26,800	1,343	-	-	-	-	-	-
DW PERCH	100	8	-	-	-	-	-	-
S, BLUE:								
RD	-	-	-	-	-	-	11,073,500	$567,381
T AND PEELERS	-	-	-	-	-	-	95,600	17,140
LES, SNAPPER	-	-	30,600	$3,060	-	-	-	-
TOTAL	955,500	131,731	144,900	13,212	11,700	$819	11,169,100	584,521

SPECIES	POUND NETS		STOP NETS		FYKE NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
VES	17,209,500	$349,145	-	-	612,600	$12,445	-	-
ISH	169,200	19,517	-	-	-	-	-	-
ERFISH	1,102,000	59,001	-	-	-	-	-	-
	88,300	3,533	22,600	$904	127,700	4,596	-	-
SH AND LLHEADS	169,400	11,868	-	-	366,400	25,648	-	-
KER	7,983,100	963,236	-	-	44,500	5,430	-	-
:								
ACK	57,200	3,072	-	-	2,900	348	-	-
OR REDFISH	18,100	1,562	-	-	-	-	-	-
COMMON	89,100	11,228	-	-	19,900	2,326	-	-
NDERS	413,900	51,496	-	-	2,700	336	-	-
ARD SHAD	22,200	551	-	-	38,400	810	-	-
STFISH OR ARFISH"	576,100	32,962	-	-	-	-	-	-
NG, SEA	66,500	1,330	-	-	-	-	-	-
RY SHAD	60,100	3,005	-	-	4,200	210	-	-
WHITING OR NGFISH"	61,300	4,891	-	-	-	-	-	-
REL	52,900	4,761	-	-	-	-	-	-
ADEN	9,591,800	72,368	-	-	5,400	45	-	-
ET	5,200	360	-	-	6,100	426	-	-
SH	13,900	635	-	-	-	-	-	-
RFISH	300	6	-	-	-	-	-	-
PERCH	200	12	-	-	-	-	-	-
OR PORGY	26,800	1,792	-	-	-	-	-	-
ASS	22,500	2,295	-	-	-	-	-	-
ROUT OR EAKFISH:								
AY	9,121,000	580,479	-	-	29,000	1,865	-	-
TTED	38,400	5,551	-	-	-	-	-	-
	1,763,100	295,316	-	-	83,700	13,577	-	-
ES	15,500	620	-	-	-	-	-	-
ES	400	72	-	-	-	-	-	-
SH MACKEREL	33,200	5,976	-	-	-	-	-	-
	1,466,600	83,938	-	-	600	36	-	-
D BASS	418,500	62,673	-	-	123,400	19,445	-	-
ON	14,100	3,005	-	-	400	100	-	-
S	-	-	-	-	700	56	-	-
FISH	72,400	3,014	-	-	-	-	-	-
OG	9,600	693	-	-	-	-	-	-
AND TUNALIKE FISHES:								
NITO	17,000	1,530	-	-	-	-	-	-
TTLE	15,200	700	-	-	-	-	-	-
E PERCH	121,900	5,791	-	-	283,500	14,330	-	-
OW PERCH	8,400	512	-	-	9,700	506	-	-
S, BLUE:								
RD	40,900	2,045	-	-	49,000	2,512	5,700	$285
FT AND PEELERS	-	-	-	-	1,256,900	251,380	144,600	28,920
D	7,700	524	-	-	-	-	-	-
APIN, AMOND-BACK	-	-	-	-	2,000	500	-	-
ES, GGERHEAD	2,800	156	-	-	-	-	-	-
TOTAL	50,966,300	2,651,221	22,600	904	3,069,700	357,027	150,300	29,205

(CONTINUED ON NEXT PAGE)

VIRGINIA: CATCH BY GEAR, 1948 - Continued

SPECIES	OTTER TRAWLS		SLAT TRAPS		POTS		SCRAPES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	51,900	$1,038	-	-	-	-
BLUEFISH	18,200	$2,136	-	-	-	-	-	-
BUTTERFISH	200,700	11,501	-	-	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	727,500	$50,924	-	-
COD	10,400	491	-	-	-	-	-	-
CROAKER	3,397,800	391,039	-	-	-	-	-	-
DRUM:								
BLACK	24,800	1,348	-	-	-	-	-	-
RED OR REDFISH	10,900	820	-	-	-	-	-	-
EELS:								
COMMON	-	-	-	-	317,500	37,646	-	-
CONGER	23,300	699	-	-	-	-	-	-
FLOUNDERS	1,227,300	146,350	-	-	-	-	-	-
HADDOCK	100	6	-	-	-	-	-	-
HAKE, WHITE	84,600	3,569	-	-	-	-	-	-
HARVESTFISH OR "STARFISH"	95,400	5,352	-	-	-	-	-	-
HERRING, SEA	138,100	2,762	-	-	-	-	-	-
JEWFISH	100	4	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	381,500	29,384	-	-	-	-	-	-
MACKEREL	387,800	36,544	-	-	-	-	-	-
MULLET	-	-	600	42	-	-	-	-
PIGFISH	19,200	926	-	-	-	-	-	-
SAND PERCH	41,700	1,267	-	-	-	-	-	-
SCUP OR PORGY	7,024,200	508,750	-	-	-	-	-	-
SEA BASS	7,142,800	647,336	-	-	-	-	-	-
SEA ROBIN	29,500	1,014	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	1,807,200	124,323	-	-	-	-	-	-
SPOTTED	800	112	-	-	-	-	-	-
SHAD	100	18	-	-	-	-	-	-
SHARKS	56,100	2,244	-	-	-	-	-	-
SHEEPSHEAD, SALT-WATER	1,100	90	-	-	-	-	-	-
SPOT	58,400	2,744	-	-	-	-	-	-
STRIPED BASS	14,300	2,042	-	-	-	-	-	-
STURGEON	23,300	5,700	-	-	-	-	-	-
SWELLFISH	8,100	324	-	-	-	-	-	-
TAUTOG	5,700	393	-	-	-	-	-	-
TILEFISH	11,800	937	-	-	-	-	-	-
TOMCOD	2,500	125	-	-	-	-	-	-
TUNA AND TUNALIKE FISHES, BONITO	600	54	-	-	-	-	-	-
WHITE PERCH	5,000	200	-	-	-	-	-	-
WHITING	33,700	1,011	-	-	-	-	-	-
CRABS, BLUE:								
HARD	-	-	-	-	26,993,300	1,362,819	12,500	$625
SOFT AND PEELERS	-	-	-	-	328,300	65,660	738,400	147,680
LOBSTERS, NORTHERN	900	270	-	-	-	-	-	-
CONCHS	22,200	2,220	-	-	-	-	-	-
SQUID	60,600	3,132	-	-	-	-	-	-
TERRAPIN, DIAMOND-BACK	-	-	-	-	-	-	5,400	1,350
TURTLES, SNAPPER	-	-	-	-	62,300	10,369	-	-
TOTAL	22,370,800	1,937,237	52,500	1,080	28,428,900	1,527,418	756,300	149,655

SPECIES	DREDGES		TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:								
HARD	4,518,300	$456,405	-	-	-	-	-	-
SOFT AND PEELERS	-	-	-	-	-	-	206,600	$41,320
CLAMS, HARD:								
PUBLIC	100,000	50,000	341,500	$170,750	293,200	$146,600	138,000	69,000
PRIVATE	50,000	25,025	213,100	106,550	431,100	215,500	-	-
CONCHS	35,400	3,540	-	-	-	-	1,700	170
OYSTERS, MARKET:								
PUBLIC, SPRING	210,500	71,850	2,810,100	949,270	-	-	5,000	1,800
PUBLIC, FALL	222,600	74,750	3,306,100	1,034,190	-	-	8,000	2,700
PRIVATE, SPRING	5,835,500	1,991,010	1,035,400	354,440	95,000	28,800	468,000	145,000
PRIVATE, FALL	5,699,300	1,904,160	945,300	311,630	123,000	37,690	353,700	117,650
TERRAPIN, DIAMOND-BACK	-	-	-	-	-	-	9,200	2,300
TOTAL	16,671,600	4,576,740	8,651,500	2,926,830	942,300	428,590	1,190,200	379,940

POTOMAC RIVER SHAD AND ALEWIFE FISHERY

The catch of shad in the Potomac River in 1948 amounted to 273,760 fish weighing 721,300 pounds, and valued at $113,218 to the fishermen. The catch of alewives in the Potomac for the same year was 19,816,700 fish weighing 9,609,200 pounds, valued at $197,057.

Compared with 1947, the catch of shad showed a decrease of 45 percent in poundage and 49 percent in value. Alewives showed a decrease of 9 percent in poundage and 7 percent in value over the previous year.

A total of 518 fishermen were employed in this fishery, 63 less than during the previous year.

Statistics on the yield and operating units of shad and alewives in the Potomac River are also included in the catch and operating unit data for Maryland and Virginia.

SUMMARY OF CATCH AND OPERATING UNITS, 1948

ITEM	MARYLAND			VIRGINIA			TOTAL		
PERATING UNITS	NUMBER			NUMBER			NUMBER		
SHERMEN, ON BOATS AND SHORE:									
REGULAR.	145			199			344		
ASUAL	69			105			174		
TOTAL.	214			304			518		
TS:									
OTOR.	85			124			209		
THER.	34			94			128		
ARATUS:									
AUL SEINES. . . .	17			11			28		
LENGTH YARDS . .	7,900			4,400			12,300		
ILL NETS:									
DRIFT.	15			31			46		
SQUARE YARDS .	60,200			76,900			137,100		
STAKE.	49			49			98		
SQUARE YARDS .	110,300			43,050			153,350		
OUND NETS	57			224			281		
YKE NETS	12			58			70		
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
HAD CAUGHT:									
HAUL SEINES. . . .	4,200	9,900	$1,164	15,600	35,000	$4,550	19,800	44,900	$5,714
DRIFT GILL NETS. .	6,100	15,000	2,330	58,600	151,800	24,456	64,700	166,800	26,786
STAKE GILL NETS. .	24,800	69,900	10,515	27,000	74,200	12,047	51,800	144,100	22,562
POUND NETS	5,200	13,500	1,846	131,700	350,500	56,080	136,900	364,000	57,926
FYKE NETS	-	-	-	560	1,500	230	560	1,500	230
TOTAL	40,300	108,300	15,855	233,460	613,000	97,363	273,760	721,300	113,218
EWIVES CAUGHT:									
HAUL SEINES. . . .	36,900	17,900	406	87,900	42,500	1,025	124,800	60,400	1,431
DRIFT GILL NETS. .	7,400	3,600	105	8,300	4,000	100	15,700	7,600	205
STAKE GILL NETS. .	162,300	78,700	1,920	-	-	-	162,300	78,700	1,920
POUND NETS	186,000	90,200	2,000	19,284,600	9,351,300	191,000	19,470,600	9,441,500	193,000
FYKE NETS	7,200	3,500	105	36,100	17,500	396	43,300	21,000	501
TOTAL	399,800	193,900	4,536	19,416,900	9,415,300	192,521	19,816,700	9,609,200	197,057

SECTION 5.- SOUTH ATLANTIC FISHERIES

(Area XXIV)[6]

During 1948, due to budgetary limitations, no general canvass was conducted in th South Atlantic States, (North Carolina, South Carolina, Georgia, and the East Coast c Florida.) The catch and operating unit figures used in the following tables for thi area are for 1945, with the exception of the East Coast of Florida; which are for 194(

The total quantity of menhaden used for reduction purposes in the South Atlantic ar during 1948 was collected in the annual canned and byproducts survey. Since nearly tl entire catch of menhaden is used in the manufacture of oil and meal, the poundage use for reduction may be considered the total landings of these fish. During 1948, landing of menhaden in this region totaled 249,399,460 pounds, valued at $2,488,594. Menhade products were manufactured in 8 plants in North Carolina, 4 plants in Florida, and plant in South Carolina.

The total production of canned fishery products and byproducts in the South Atlanti States during 1948 was valued at $6,745,945. North Carolina ranked first with product totaling $4,328,419 to the processor; the East Coast of Florida was second with $1,175,89(followed by South Carolina with $903,550; and Georgia, with $338,086. A total of 42 plant was engaged in canning and processing fishery products and byproducts in the South At lantic area during 1948.

The last complete survey of the fishery transporting, wholesaling and manufacturir industries was made in 1940. In that year, 264 men were employed in the operation c 124 vessels and boats engaged in the transporting trade and 6,897 persons were employe in wholesale and manufacturing establishments. The latter employees received a total c $1,801,129 in salaries and wages in 1940. (Data on the transporting, wholesaling, ar manufacturing industries for both coasts of Florida have been included in this section Detailed statistics on these branches of the industry for 1940 can be found in 'Fisher Statistics of the United States, 1944' (Statistical Digest No. 16).

Detailed statistics covering the fisheries of the South Atlantic States during 19 can be found in 'Fishery Statistics of the United States, 1945' (Statistical Diges No. 18). Condensed summary data of these figures appear in the following tables.

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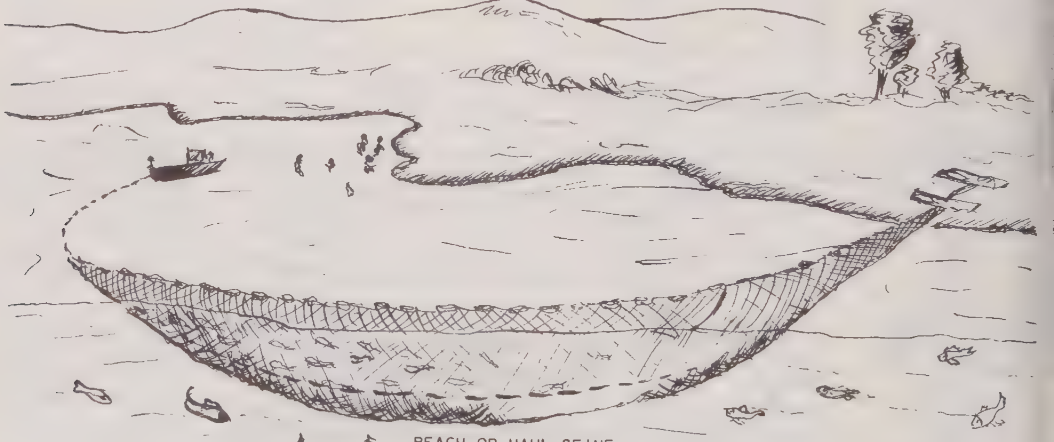
[6] *These numbers were assigned to these areas by the North Atlantic Council on Fisher Investigations. The catch of fishery products in Lake Okeechobee is included in the Florida catch tables.*



BEACH OR HAUL SEINE

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1945

PRODUCT	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
H	179,177,300	$3,732,650	3,029,100	$300,680	1,176,900	$129,571
LLFISH, ETC.	18,991,500	1,762,602	7,826,500	598,709	20,220,800	1,219,965
TOTAL	198,168,800	5,495,252	10,855,600	899,389	21,397,700	1,349,536

PRODUCT	FLORIDA, EAST COAST 1/		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
H	156,193,500	$5,351,170	339,576,800	$9,514,071
LLFISH, ETC.	18,330,500	2,037,003	65,369,300	5,618,279
TOTAL	174,524,000	7,388,173	404,946,100	15,132,350

INCLUDES DATA ON THE CATCH IN LAKE OKEECHOBEE.

SUMMARY OF OPERATING UNITS

ITEM	NORTH CAROLINA, 1945	SOUTH CAROLINA, 1945	GEORGIA, 1945	FLORIDA, EAST COAST 1/, 1940	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HERMEN:					
N VESSELS	1,372	190	341	552	2,455
N BOATS AND SHORE:					
REGULAR	4,771	746	351	1,646	7,514
CASUAL	1,313	553	434	600	2,900
TOTAL	7,456	1,489	1,126	2,798	12,869
LS:					
OTOR	286	83	148	97	614
NET TONNAGE	3,352	885	1,362	1,361	6,960
AIL	45	-	-	-	45
NET TONNAGE	595	-	-	-	595
TOTAL VESSELS	331	83	148	97	659
TOTAL NET TONNAGE	3,947	885	1,362	1,361	7,555
S:					
TOR	1,918	138	163	877	3,096
HER	1,018	561	400	881	2,860
SSORY BOATS	206	-	-	30	236
RATUS:					
URSE SEINES, MENHADEN	30	-	-	15	45
LENGTH, YARDS	7,950	-	-	4,290	12,240
UL SEINES:					
COMMON	214	24	-	100	338
LENGTH, YARDS	31,240	5,725	-	84,890	121,855
ONG	163	-	-	13	176
LENGTH, YARDS	139,100	-	-	11,600	150,700
L NETS:					
ANCHOR	620	43	16	9	688
SQUARE YARDS	419,350	16,550	1,600	9,000	446,500
DRIFT	139	28	96	37	300
SQUARE YARDS	88,760	22,400	39,921	72,700	223,781
RUNAROUND	323	70	43	431	867
SQUARE YARDS	232,760	20,999	33,000	486,620	773,379
STAKE	1,936	22	122	5	2,085
SQUARE YARDS	165,875	13,600	19,470	5,000	203,945
RAMMEL NETS	-	-	-	8	8
SQUARE YARDS	-	-	-	8,000	8,000
INES:					
HAND	200	34	-	501	735
HOOKS	200	34	-	551	785
TRAWL OR TROT WITH HOOKS	-	-	20	195	215
HOOKS	-	-	2,300	70,600	72,900
TROLL	11	-	-	424	435
HOOKS	11	-	-	424	435
TROT WITH BAITS OR SNOODS	914	266	175	113	1,468
BAITS OR SNOODS	535,900	133,000	81,300	42,300	792,500
POUND NETS	2,520	-	-	-	2,520
YKE NETS, FISH	308	-	-	45	353
DIP NETS, COMMON	237	1	1	28	267
CAST NETS	-	4	-	38	42
OTTER TRAWLS:					
FISH	9	-	-	-	9
YARDS AT MOUTH	196	-	-	-	196
SHRIMP	521	194	272	123	1,110
YARDS AT MOUTH	9,356	4,550	6,900	2,811	23,617

FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS - Continued

ITEM	NORTH CAROLINA, 1945	SOUTH CAROLINA, 1945	GEORGIA, 1945	FLORIDA, EAST COAST 1/, 1940	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:					
POTS:					
SPINY LOBSTER	-	-	-	5,900	5,900
CRAB	-	-	1,540	5,790	7,330
EEL	535	-	-	-	535
FISH	250	100	210	9,960	10,520
SPEARS	270	51	-	49	370
DREDGES, OYSTER, COMMON	346	-	-	3	349
YARDS AT MOUTH	346	-	-	5	351
TONGS, OYSTER	69	50	18	22	159
RAKES, OTHER THAN FOR OYSTERS	262	14	-	4	280
GRABS	-	160	48	-	208
HOOKS, LOBSTER	-	-	-	16	16

1/ INCLUDES DATA ON THE NUMBER OF FISHERMEN AND FISHING CRAFT, AND THE QUANTITY OF GEAR OPERATED IN LAKE OKEECHOBEE.

CATCH BY STATES, 1945

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	8,022,100	$176,783	-	-	-	-
AMBERJACK	400	20	-	-	-	-
BLUEFISH	627,000	75,600	11,000	$1,650	-	-
BUTTERFISH	30,000	1,800	-	-	-	-
CARP	882,100	26,463	-	-	-	-
CATFISH AND BULLHEADS	1,171,500	75,786	25,000	2,240	93,000	$7,440
CROAKER	4,214,600	337,208	102,000	14,620	10,000	800
DRUM:						
BLACK	141,700	4,332	25,500	3,810	10,000	1,000
RED OR REDFISH	223,900	13,434	50,000	6,440	10,000	1,000
EELS, COMMON	116,000	5,581	-	-	5,000	400
FLOUNDERS	1,203,600	141,232	230,000	31,120	307,200	18,432
GIZZARD SHAD	8,000	160	-	-	-	-
HAKE, WHITE	3,900	390	-	-	-	-
HARVEST FISH OR "STARFISH"	811,700	48,902	-	-	-	-
HICKORY SHAD	854,400	68,224	11,800	1,770	17,500	1,400
KING WHITING OR "KINGFISH"	1,157,500	57,925	157,000	12,560	460,700	27,644
MENHADEN	141,533,000	974,631	-	-	-	-
MULLET	3,240,900	259,296	889,000	61,510	15,500	1,240
PIGFISH	480,700	33,649	-	-	-	-
PINFISH	3,100	99	-	-	-	-
POMPANO	23,300	5,825	-	-	-	-
SCUP OR PORGY	113,200	9,056	-	-	-	-
SEA BASS	190,600	28,590	163,000	23,190	-	-
SEA CATFISH	-	-	6,500	780	-	-
SHAD	912,000	198,613	89,000	31,150	221,500	66,450
SHARKS	1,200	72	-	-	-	-
SHEEPSHEAD, SALT-WATER	11,200	672	-	-	2,000	240
SNAPPER, RED	4,100	410	-	-	-	-
SPANISH MACKEREL	506,700	60,804	-	-	-	-
SPOT	6,264,700	314,235	1,084,000	72,280	-	-
SEA TROUT OR WEAKFISH:						
GRAY	4,736,800	525,422	-	-	-	-
SPOTTED	500,100	99,651	148,000	23,320	20,000	2,400
STRIPED BASS	608,500	121,156	1,100	220	-	-
STURGEON	900	225	36,200	14,020	4,500	1,125
SUCKERS	7,000	210	-	-	-	-
SWELLFISH	200	6	-	-	-	-
TUNA AND TUNALIKE FISHES, BONITO	60,100	4,808	-	-	-	-
WHITE PERCH	501,100	60,240	-	-	-	-
YELLOW PERCH	9,500	1,140	-	-	-	-
TOTAL	179,177,300	3,732,650	3,029,100	300,680	1,176,900	129,571
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	5,696,400	284,820	2,364,100	72,125	3,566,100	96,630
SOFT AND PEELERS	184,300	55,290	-	-	-	-
SHRIMP	10,614,300	849,160	4,695,500	403,562	16,392,100	1,067,684
CLAMS, HARD, PUBLIC	502,200	151,447	1,300	375	-	-
MUSSELS, SEA	-	-	43,000	5,375	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING	1,079,200	256,840	80,200	11,262	-	-
PUBLIC, FALL	603,100	138,170	41,800	6,578	-	-
PRIVATE, SPRING	14,200	2,980	347,000	61,224	139,000	27,321
PRIVATE, FALL	10,600	2,220	253,100	38,083	116,100	22,705
TOTAL OYSTERS	1,707,100	400,210	722,100	117,147	255,100	50,026

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1945 - Continued

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
ELLFISH, ETC. - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LLOPS, BAY.	22,200	$7,770	-	-	-	-
ID.	2,300	230	-	-	-	-
RAPIN, DIAMOND-BACK	2,700	675	500	$125	7,500	$5,625
KWEED	260,000	13,000	-	-	-	-
TOTAL.	18,991,500	1,762,602	7,826,500	598,709	20,220,800	1,219,965
GRAND TOTAL.	198,168,800	5,495,252	10,855,600	899,389	21,397,700	1,349,536

SPECIES	FLORIDA, EAST COAST 1/		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
WIVES	428,200	$8,562	8,450,300	$185,345
ERJACK.	107,500	2,541	107,900	2,561
RACUDA.	40,700	2,342	40,700	2,342
EFISH	1,273,600	227,085	1,911,600	304,335
E RUNNER OR HARDTAIL. . . .	91,300	5,857	91,300	5,857
TERFISH	27,200	2,054	57,200	3,854
IO OR CRAB EATER.	32,800	2,090	32,800	2,090
P	-	-	882,100	26,463
FISH AND BULLHEADS.	9,600,300	1,055,952	10,889,800	1,141,418
PPIE.	932,900	204,748	932,900	204,748
VALLE	122,100	6,105	122,100	6,105
AKER.	145,300	13,114	4,471,900	365,742
PHIN.	79,800	7,980	79,800	7,980
M:				
LACK.	501,600	40,318	678,800	49,460
ED OR REDFISH	758,800	95,875	1,042,700	116,749
S, COMMON	59,800	2,392	180,800	8,373
UNDERS.	345,700	51,855	2,086,500	242,639
ZARD SHAD	550,000	11,000	558,000	11,160
UPERS	1,416,800	138,179	1,416,800	138,179
NTS	75,600	5,338	75,600	5,338
E, WHITE.	-	-	3,900	390
VEST FISH OR "STARFISH" . .	-	-	811,700	48,902
ORY SHAD	84,900	3,900	969,600	75,294
ISH.	15,300	1,224	15,300	1,224
ISH.	216,300	29,750	216,300	29,750
MACKEREL.	2,781,500	395,800	2,781,500	395,800
WHITING OR "KINGFISH" . .	1,511,700	46,439	3,286,900	144,568
ADEN	114,745,900	739,517	256,278,900	1,714,148
LET	7,812,300	640,239	11,957,700	962,285
ONFISH	207,900	37,028	207,900	37,028
IT.	600	45	600	45
ISH.	41,800	3,344	522,500	36,993
ISH.	9,800	490	12,900	589
ANO.	332,700	130,651	356,000	136,476
OR PORGY.	-	-	113,200	9,056
BASS	100,800	14,682	454,400	56,462
CATFISH.	4,500	180	11,000	960
. . . .	842,400	126,365	2,064,900	422,578
S	2,027,700	32,200	2,028,900	32,272
SHEAD:				
ESH-WATER.	161,800	13,239	161,800	13,239
T-WATER	-	-	13,200	912
PERS:				
ANGROVE	112,700	14,406	112,700	14,406
D.	246,300	54,440	250,400	54,850
OK OR SERGEANTFISH.	205,400	26,796	205,400	26,796
NISH MACKEREL	5,471,800	659,619	5,978,500	720,423
T	161,500	12,740	7,510,200	399,255
A TROUT OR WEAKFISH:				
RAY	33,400	3,476	4,770,200	528,898
POTTED.	912,300	181,560	1,580,400	306,931
IPED BASS	-	-	609,600	121,376
RGEON	200	50	41,800	15,420
KERS.	-	-	7,000	210
FISH.	1,255,100	238,416	1,255,100	238,416
LLFISH.	-	-	200	6
PLETAIL	41,100	3,007	41,100	3,007
A AND TUNALIKE FISHES,				
ONITO	-	-	60,100	4,808
TE PERCH.	-	-	501,100	60,240
LOW PERCH	-	-	9,500	1,140
LOWTAIL	265,800	58,180	265,800	58,180
TOTAL.	156,193,500	5,351,170	339,576,800	9,514,071

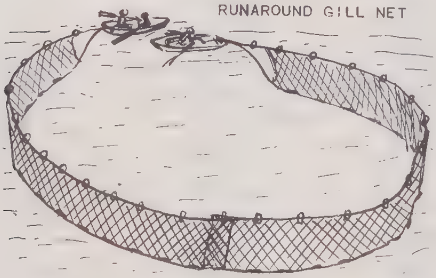
FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

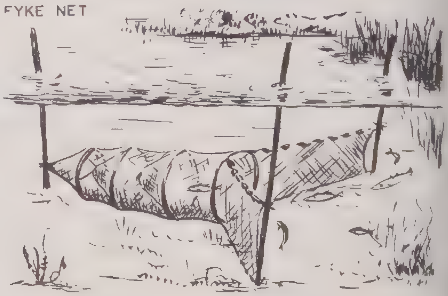
CATCH BY STATES, 1945 - Continued

SPECIES	FLORIDA, EAST COAST 1/		TOTAL	
SHELLFISH, ETC.	POUNDS	VALUE	POUNDS	VALUE
CRABS:				
BLUE:				
HARD	5,391,200	$134,910	17,017,800	$588,485
SOFT AND PEELERS	2,000	480	186,300	55,770
STONE.	80,500	20,935	80,500	20,935
LOBSTERS, SPINY.	572,100	116,427	572,100	116,427
SHRIMP	11,879,200	1,663,088	43,581,100	3,983,494
CLAMS, HARD, PUBLIC.	3,000	1,500	506,500	153,322
CONCHS	3,900	390	3,900	390
MUSSELS, SEA	-	-	43,000	5,375
OYSTERS, MARKET:				
PUBLIC, SPRING	9,000	5,040	1,168,400	273,142
PUBLIC, FALL	9,000	5,040	653,900	149,788
PRIVATE, SPRING.	68,000	38,080	568,200	129,605
PRIVATE, FALL.	51,500	28,840	431,300	91,848
TOTAL OYSTERS.	137,500	77,000	2,821,800	644,383
SCALLOPS, BAY.	-	-	22,200	7,770
SQUID.	-	-	2,300	230
TERRAPIN, DIAMOND-BACK	5,400	1,350	16,100	7,775
TURTLES:				
GREEN.	1,100	110	1,100	110
LOGGERHEAD	15,000	1,645	15,000	1,645
SNAPPER.	44,600	3,568	44,600	3,568
SOFT-SHELL	195,000	15,600	195,000	15,600
ROCKWEED	-	-	260,000	13,000
TOTAL.	18,330,500	2,037,003	65,369,300	5,618,279
GRAND TOTAL.	174,524,000	7,388,173	404,946,100	15,132,350

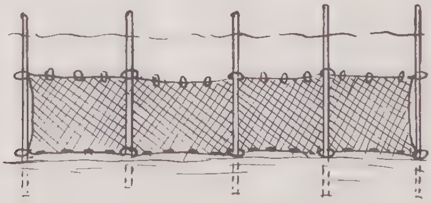
1/ INCLUDES DATA ON THE CATCH IN LAKE OKEECHOBEE.



RUNAROUND GILL NET



FYKE NET



STAKE GILL NET

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS [1]

ITEM			NORTH AND SOUTH CAROLINA		GEORGIA AND FLORIDA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
ALEWIVES:						
ROE, CANNED	1948	STANDARD CASES	1,960	$35,467	-	-
CORNED, SALTED	1940	POUNDS	3,220,150	69,291	-	-
BLUE RUNNER, SALTED	1940	DO	-	-	250,000	$10,000
GROUPER STEAKS AND FILLETS:						
FRESH	1948	DO	-	-	[2] 266,296	[2] 78,462
FROZEN	1948	DO	-	-	187,000	70,500
KING MACKEREL, SMOKED	1940	DO	-	-	3,500	525
MENHADEN:						
ROE, SALTED	1940	DO	1,000	250	-	-
MEAL, DRY AND ACID SCRAP	1948	TONS	21,437	2,611,834	8,410	988,374
OIL	1948	GALLONS	1,308,732	1,361,409	274,859	301,684
MULLET, SALTED	1940	POUNDS	277,800	23,100	976,500	58,100
MULLET ROE, SALTED	1940	DO	-	-	60,000	14,825
SPANISH MACKEREL FILLETS, FRESH AND FROZEN	1948	DO	(3)	(3)	117,700	52,293
SPOT, SALTED	1940	DO	159,400	9,580	-	-
CLAMS, HARD, FRESH-SHUCKED	1940	DO	2,100	3,040	100	200
CRAB MEAT, BLUE, FRESH-COOKED	1940	POUNDS	604,336	228,954	883,106	328,922
LOBSTER, SPINY, FRESH-COOKED	1940	DO	-	-	49,000	16,400
OYSTERS:						
CANNED	1948	STANDARD CASES	59,948	670,595	-	-
FRESH-SHUCKED	1940	GALLONS	102,234	99,841	92,996	118,978
SCALLOPS, BAY, FRESH-SHUCKED	1940	DO	2,868	5,449	12,960	36,490
SHRIMP, FROZEN, PACKAGED	1940	POUNDS	-	-	155,300	30,756
WHALE:						
MEAL	1948	TONS	-	-	10	700
OIL	1948	GALLONS	-	-	2,650	2,427
MISCELLANEOUS FRESH AND FROZEN FILLETS, ETC. [4]	1948	POUNDS	54,519	22,592	-	-
MISCELLANEOUS CANNED [5]	1948	STANDARD CASES	19,076	429,366	21,659	356,293
MISCELLANEOUS BYPRODUCTS [6]	1948	-	-	123,056	-	541,200
TOTAL		-	-	5,693,824	-	3,007,129
BY FISHERMEN:						
ALEWIVES, CORNED, SALTED	1940	POUNDS	436,300	8,764	-	-
AMBERJACK, SMOKED	1940	DO	-	-	500	65
BLUEFISH, SMOKED	1940	DO	-	-	300	45
BLUE MARLIN, SMOKED	1940	DO	-	-	300	66
KING MACKEREL, SMOKED	1940	DO	-	-	5,500	1,650
MULLET:						
SALTED	1940	DO	315,000	27,025	180,200	7,940
ROE, SALTED	1940	DO	700	175	20,600	3,400
SMOKED	1940	DO	-	-	33,100	6,765
SAILFISH, SMOKED	1940	DO	-	-	10,200	2,142
SHARK, LIVER OIL	1940	DO	-	-	50	20
SEA CATFISH, FRESH, PAN-DRESSED	1940	DO	-	-	20,000	1,400
SPOT, SALTED	1940	DO	226,000	14,310	-	-
WAHOO, SMOKED	1940	DO	-	-	300	65
CLAMS, HARD, FRESH-SHUCKED	1940	GALLONS	2,740	3,826	525	525
CRAB MEAT, PACKAGED, FRESH COOKED	1940	POUNDS	-	-	3,900	1,117
OYSTERS, FRESH-SHUCKED	1940	GALLONS	3,591	4,024	14,960	17,921
SCALLOPS, BAY, FRESH-SHUCKED	1940	DO	-	-	3,805	4,125
SHRIMP, SMOKED	1940	POUNDS	-	-	500	250
TOTAL		-	-	58,124	-	47,496
GRAND TOTAL		-	-	5,751,948	-	3,054,625

[1] DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

[2] INCLUDES A SMALL PRODUCTION OF RED SNAPPER STEAKS.

[3] INCLUDED WITH MISCELLANEOUS PRODUCTS.

[4] MISCELLANEOUS FRESH AND FROZEN FILLETS, ETC., INCLUDES IN NORTH CAROLINA, CROAKER, FLOUNDER, RED DRUM, SEA BASS, SEA TROUT, SPANISH MACKEREL AND STRIPED BASS FILLETS AND STEAKS.

[5] MISCELLANEOUS CANNED INCLUDES IN NORTH CAROLINA, MENHADEN ROE, SHAD, CRAB MEAT AND DEVILED CRAB MEAT: IN SOUTH CAROLINA, CRAB MEAT, DEVILED CRAB MEAT, AND SHRIMP COCKTAILS; IN GEORGIA, CRAB MEAT, SHRIMP, TERRAPIN SOUP AND MEAT; IN FLORIDA, SHAD, SHAD ROE, GREEN TURTLE SOUP AND MEAT.

[6] MISCELLANEOUS BYPRODUCTS INCLUDE IN NORTH CAROLINA, MEAL FROM ALEWIFE, CRAB, SHRIMP, AND MISCELLANEOUS SPECIES; ALEWIFE OIL, AGAR-AGAR, AND CRAB SHELLS FOR TABLE USE; IN SOUTH CAROLINA, CRAB SCRAP AND MEAL, AND CRAB SHELLS FOR TABLE USE; IN GEORGIA, CRAB MEAT; IN FLORIDA, SHARK MEAL AND LIVER OIL AND OYSTER SHELL GRIT AND LIME.

NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

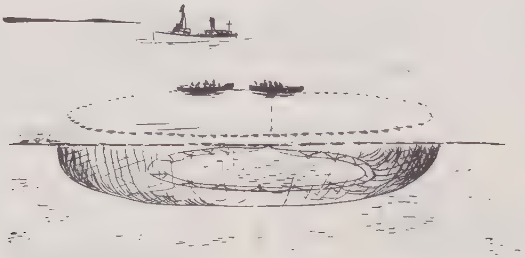
SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:

STATE	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
	VALUE	VALUE	VALUE
NORTH CAROLINA	$4,723,534	$48,775	$4,772,309
SOUTH CAROLINA	970,290	9,349	979,639
GEORGIA	418,228	7,242	425,470
FLORIDA	2,588,901	40,254	2,629,155
TOTAL	8,700,953	105,620	8,806,573

SUMMARY OF ITEMS:

ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH	1948	POUNDS	559,207	$223,605
FRESH AND FROZEN PACKAGED FISH	1940	DO	20,000	1,400
CANNED FISH AND SHELLFISH	1948	STANDARD CASES	102,562	1,491,963
BYPRODUCTS	1948	-	-	5,930,684
BYPRODUCTS	1940	-	-	20
PACKAGED SHELLFISH	1940	POUNDS	3,770,583	900,818
SALTED, DRIED AND PICKLED	1940	DO	6,123,650	246,760
SMOKED OR KIPPERED	1940	DO	53,700	11,323
TOTAL	-	-	-	8,806,573



MENHADEN PURSE SEINE

MENHADEN REDUCTION PLANT

SECTION 6.- GULF FISHERIES

(Area XXV)[7]

After a lapse of three years, sufficient funds were made available to the Branch of mmercial Fisheries so that the collection of data on the fisheries of the Gulf States ild be resumed. Data for 1948 were collected for the States of Alabama, Mississippi, aisiana and Texas. Although the West Coast of Florida is included in this section, ads were not available to make a general canvass of Florida for 1948. The catch gures used in the following tables for the West Coast of Florida are for the year 45, and the operating units are for the year 1940.

In 1948, the catch in the four states of Alabama, Mississippi, Louisiana and Texas ounted to 357,693,400 pounds, valued at $35,272,873 to the fishermen. This was an crease of 32 percent in volume and 27 percent in value compared with 1945. The in- ease in landings was due to the expanding menhaden industry. The production of this ecies increased from 57 million pounds in 1945 to nearly 185 million pounds in 1948. e new menhaden plant was put into operation in the Western Gulf during 1948, making a al of 6 plants producing oil and meal in this area.

Production of food fish in the Gulf remained about normal with groupers, mullet, red apper, and Spanish mackerel comprising 71 percent of the total 1948 catch of these ecies.

The 1948 crab production was hampered by abnormally low prices and declined over 11 llion pounds compared with 1945. Picking plants found it unprofitable to operate and osed for long periods during the height of the season. Some crab meat canning was rried out, but the general trend was toward the production of frozen crab meat.

Oyster production was erratic resulting in good prices. New methods of harvesting sters through the use of mechanical dredges were demonstrated in the Gulf waters late he year.

The 1948 shrimp production in the four states was nearly 26 million pounds less than 1945. Many drying plants closed before the end of the season because of large in- ntories. Canners anticipated an active season, but were forced to curtail operations ause of heavy stocks and a weak demand for canned shrimp. Unusually large runs of ooved shrimp, *(Penaeus duorarum* and *Penaeus aztecus)* made their appearance in the lf waters during 1948, and an attempt was made to familiarize the public with this cies.

Immediately following the war, many of the Gulf boat building firms began to build ger vessels of approximately 60 feet, however, 1948 found the trend once again turn- to the smaller 40 foot boats.

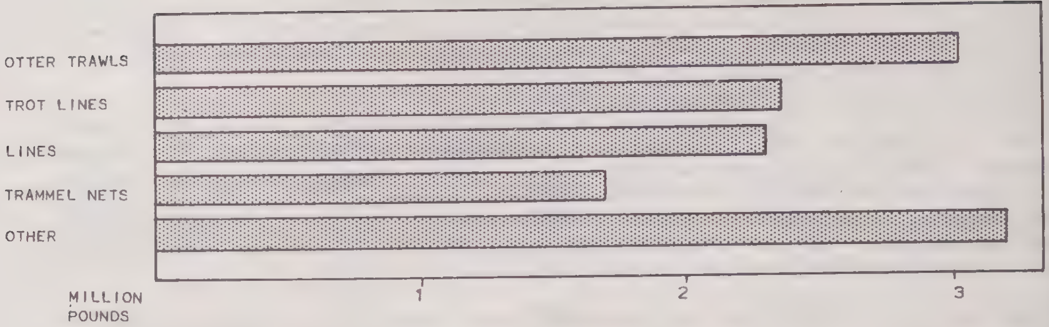
The production of canned fish and fishery byproducts in the Gulf States, including West Coast of Florida, during 1948 was valued at $17,320,901. Canned shrimp was the t valuable item produced. A total of 61 plants was engaged in canning fishery prod- s during 1948, and 44 plants were used for processing fishery byproducts in this ea.

The last complete survey of the fishery transporting, wholesaling, and manufacturing dustries in Alabama, Mississippi, Louisiana and Texas was made in 1940. In that year 13 men were employed in the operation of 209 vessels engaged in the transporting trade d 12,029 persons were employed in wholesale and manufacturing establishments. The tter employees received a total of $2,013,213 in salaries and wages in 1940. (Data the transporting, wholesaling and manufacturing industries for the west coast of lorida, which are also for 1940, have been included in Section 5, under the heading South Atlantic Fisheries'). Detailed statistics on these branches of the industry for 40 can be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest . 16).

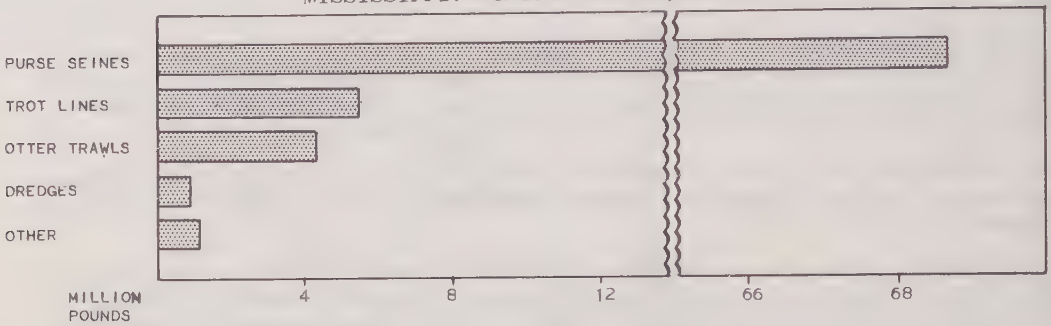
The following tables contain summarized and detailed information on the 1948 catch nd operating units in Alabama, Mississippi, Louisiana and Texas for 1948. Condensed ummary data of the operating units and catch for these states appearing on the follow- ng pages, have been previously published in Current Fishery Statistics No. 563.

These numbers were assigned to these areas by the North Atlantic Council on Fishery nvestigations. The catch of the Mississippi River and tributaries does not appear in his section.

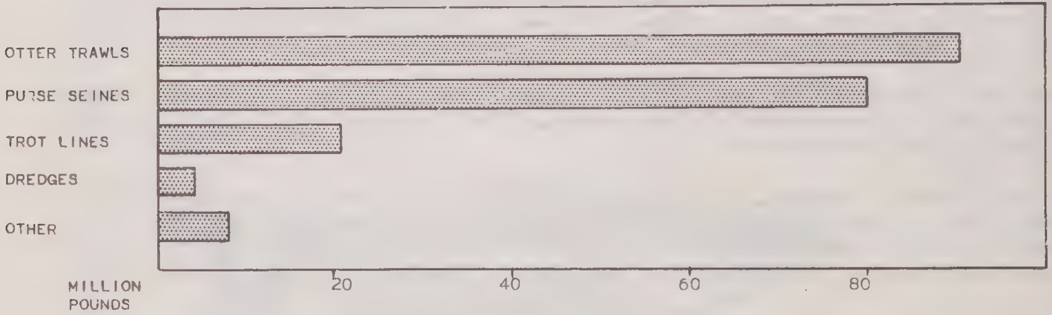
ALABAMA: CATCH BY GEAR, 1948



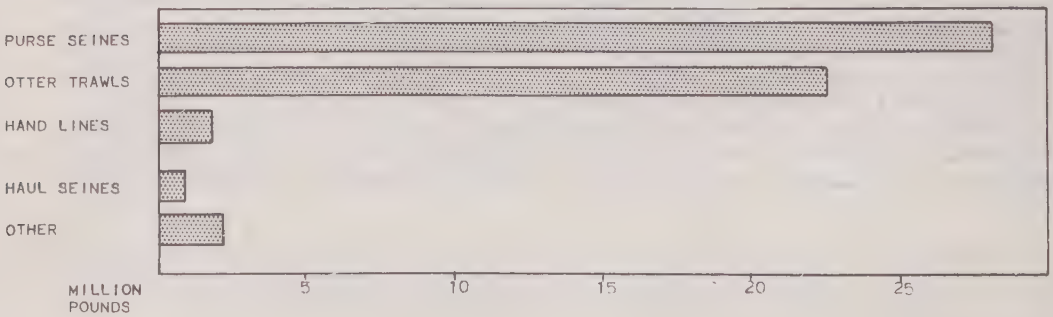
MISSISSIPPI: CATCH BY GEAR, 1948



LOUISIANA: CATCH BY GEAR, 1948



TEXAS: CATCH BY GEAR, 1948



SECTIONAL SUMMARIES

SUMMARY OF CATCH

PRODUCT	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
. . . .	63,550,700	$7,157,460	5,713,400	$837,424	69,434,500	$1,036,228
LFISH, ETC.	5,771,100	4,290,537	6,842,700	1,319,847	11,015,000	1,552,408
TOTAL.	69,321,800	11,447,997	12,556,100	2,157,271	80,449,500	2,588,636

PRODUCT	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
. . . .	89,809,800	$1,604,452	32,058,100	$989,307	260,566,500	$11,624,871
LFISH, ETC.	119,298,100	22,777,516	23,521,800	5,155,691	166,448,700	35,095,999
TOTAL.	209,107,900	24,381,968	55,579,900	6,144,998	427,015,200	46,720,870

SUMMARY OF OPERATING UNITS

ITEM	FLORIDA, WEST COAST, 1945	ALABAMA, 1948	MISSISSIPPI, 1948	LOUISIANA, 1948	TEXAS, 1948	TOTAL, VARIOUS YEARS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
IERMEN:						
VESSELS	614	229	1,300	2,341	1,262	5,746
BOATS AND SHORE:						
REGULAR.	3,785	1,011	1,311	4,891	2,008	13,006
CASUAL	1,705	244	42	255	127	2,373
TOTAL.	6,104	1,484	2,653	7,487	3,397	21,125
ELS:						
TOR.	102	53	317	888	477	1,837
NET TONNAGE.	2,144	625	5,449	12,289	8,368	28,875
L	4	-	-	-	-	4
NET TONNAGE.	49	-	-	-	-	49
TOTAL VESSELS.	106	53	317	888	477	1,841
TOTAL NET TONNAGE. . .	2,193	625	5,449	12,289	8,368	28,924
:						
TOR.	1,720	571	656	2,478	1,131	6,556
ER.	2,086	280	118	1,102	124	3,710
SORY BOATS.	-	12	63	61	15	151
ATUS:						
SE SEINES, MENHADEN . .	-	-	21	8	5	34
NGTH, YARDS.	-	-	8,250	3,100	2,000	13,350
SEINES, COMMON. . . .	110	18	1	41	28	198
ENGTH, YARDS.	58,950	6,700	200	7,360	12,406	85,616
NETS:						
CHOR	4	-	-	-	-	4
SQUARE YARDS	4,900	-	-	-	-	4,900
RIFT.	12	-	-	-	-	12
SQUARE YARDS	4,800	-	-	-	-	4,800
RUNAROUND.	1,865	27	-	-	-	1,892
SQUARE YARDS	1,383,200	12,000	-	-	-	1,395,200
STAKE.	-	-	-	-	17	17
SQUARE YARDS	-	-	-	-	4,450	4,450
AMMEL NETS	449	165	55	122	56	847
SQUARE YARDS	380,350	74,900	14,280	36,117	30,993	536,640
NES:						
HAND	2,866	218	104	108	493	3,789
HOOKS.	4,796	354	125	120	712	6,107
TRAWL OR TROT WITH HOOKS	35	28	-	-	340	403
HOOKS.	14,200	10,270	-	-	32,988	57,458
TROLL.	1,066	-	-	-	18	1,084
HOOKS.	1,131	-	-	-	18	1,149
TROT WITH BAITS OR SNOODS.	86	186	267	1,079	50	1,668
BAITS OR SNOODS. . . .	48,700	77,650	153,800	375,110	10,900	666,160
KE NETS, FISH.	-	123	-	-	23	146
P NETS:						
COMMON	101	-	-	315	-	416
DROP	-	-	-	5,060	-	5,060
ST NETS.	83	-	53	-	-	136

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS - Continued

ITEM	FLORIDA, WEST COAST, 1945	ALABAMA, 1948	MISSISSIPPI, 1948	LOUISIANA, 1948	TEXAS, 1948	TOTAL, VARIOUS YEAR
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS - CONTINUED:						
OTTER TRAWLS, SHRIMP . . .	104	381	905	2,813	1,273	5,476
YARDS AT MOUTH	1,211	5,584	17,457	56,357	26,275	106,884
TRAPS, BRUSH	-	-	-	93,500	-	93,50
POTS:						
LOBSTER, SPINY	3,000	-	-	-	-	3,00
CRAB	1,773	-	-	140	1,375	3,28
EEL.	20	-	-	-	-	20
FISH	150	222	-	-	-	37
SPEARS	96	47	-	-	65	20
DREDGES:						
CLAM	6	-	-	-	-	
YARDS AT MOUTH	4	-	-	-	-	
OYSTER, COMMON	-	-	220	130	41	39
YARDS AT MOUTH	-	-	231	143	50	42
SCALLOP.	72	-	-	-	-	7
YARDS AT MOUTH	70	-	-	-	-	7
TONGS, OYSTER.	300	547	345	836	175	2,20
RAKES, OTHER THAN FOR OYSTERS.	27	-	-	-	-	2
COQUINA SCOOPS	4	-	-	-	-	
HOOKS:						
SPONGE	177	-	-	-	-	17
LOBSTER.	10	-	-	-	-	1
DIVING OUTFITS	67	-	-	-	-	6

CATCH BY STATES

SPECIES	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK.	268,000	$16,080	-	-	-	-
BARRACUDA.	5,100	306	-	-	-	-
BLUEFISH	557,500	79,146	5,600	$840	200	$3
BLUE RUNNER OR HARDTAIL. . .	1,890,400	113,424	64,200	2,600	600	3
BUFFALOFISH.	-	-	61,700	4,261	-	-
CABIO OR CRAB EATER.	85,800	10,296	1,700	255	400	7
CATFISH AND BULLHEADS. . . .	400	80	92,400	23,476	-	-
CIGARFISH.	54,900	3,294	-	-	-	-
CREVALLE	413,700	33,080	5,400	295	300	3
CROAKER.	152,900	9,174	48,100	3,374	4,600	45
DOLPHIN.	3,000	360	-	-	-	-
DRUM:						
BLACK.	484,800	24,240	87,700	7,007	19,800	2,28
RED OR REDFISH	1,293,900	153,777	157,200	34,585	53,600	13,12
FLOUNDERS.	405,300	48,636	149,800	29,149	45,400	8,81
GROUPERS	7,176,600	860,768	257,000	27,322	35,000	4,20
GRUNTS	112,000	6,705	-	-	-	-
HARVEST FISH OR "STARFISH" .	17,400	1,044	-	-	-	-
HICKORY SHAD	1,000	40	-	-	-	-
JEWFISH.	206,500	10,585	5,100	502	-	-
KING MACKEREL.	1,115,800	179,298	2,900	319	-	-
KING WHITING OR "KINGFISH" .	249,300	14,958	108,000	7,437	81,300	9,62
MENHADEN	7,165,700	31,324	-	-	68,636,100	907,43
MOJARRA.	182,600	11,210	-	-	-	-
MULLET	26,715,600	3,202,735	1,353,200	97,311	212,600	25,25
MUTTONFISH	5,100	1,020	-	-	-	-
PADDLEFISH OR SPOONBILL CAT.	-	-	5,500	825	-	-
PIGFISH.	114,900	6,894	-	-	-	-
PINFISH.	129,900	7,794	-	-	-	-
POMPANO.	433,700	203,443	2,200	1,125	-	-
SEA CATFISH.	464,200	27,852	66,500	5,085	30,500	2,44
SHARKS	700	14	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER.	-	-	3,100	130	-	-
SALT-WATER	570,300	34,237	81,500	8,214	11,400	1,44
SNAPPERS:						
MANGROVE	101,600	12,182	-	-	-	-
RED.	2,845,800	559,404	1,851,800	442,391	143,400	31,54
SNOOK OR SERGEANTFISH. . . .	306,800	36,816	-	-	-	-
SPANISH MACKEREL	5,166,500	704,228	887,500	71,305	200	3
SPOT	288,700	17,322	1,500	115	400	4

(CONTINUED ON NEXT PAGE)

CATCH BY STATES - Continued

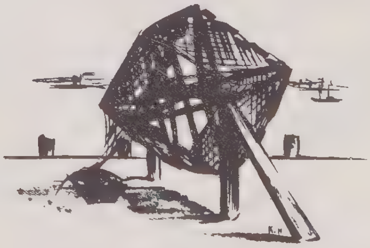
SPECIES	FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TROUT OR WEAKFISH:						
OTTED	3,464,100	$658,190	235,200	$51,821	61,700	$15,425
ITE	394,700	23,196	160,600	15,830	96,100	13,805
GEON	7,200	1,600	2,900	580	-	-
UNDER	612,600	33,756	10,200	535	100	5
LETAIL	21,500	2,580	4,900	735	800	120
OWTAIL	64,200	16,372	-	-	-	-
TOTAL	63,550,700	7,157,460	5,713,400	837,424	69,434,500	1,036,228
SHELLFISH, ETC.						
S, BLUE:						
RD	1,092,400	'54,620	2,372,600	118,630	5,502,600	275,130
ONE	52,900	24,500	-	-	-	-
TERS, SPINY	205,000	41,000	-	-	-	-
MP	1,782,700	213,924	2,938,900	613,149	4,203,800	851,798
S:						
QUINA	54,000	13,500	-	-	-	-
RD, PUBLIC	687,700	171,925	-	-	-	-
HS	14,300	3,575	-	-	-	-
ERS, MARKET:						
BLIC, SPRING	477,300	224,331	1,167,500	442,369	1,194,900	375,543
BLIC, FALL	1,018,500	478,695	347,500	139,013	113,700	49,937
IVATE, SPRING	-	-	10,300	4,326	-	-
IVATE, FALL	-	-	5,900	2,360	-	-
TOTAL OYSTERS	1,495,800	703,026	1,531,200	588,068	1,308,600	425,480
LOPS, BAY	108,000	59,400	-	-	-	-
LES, GREEN	11,700	1,170	-	-	-	-
ES:						
SS	62,500	260,290	-	-	-	-
PSWOOL	178,900	2,633,674	-	-	-	-
E	13,100	18,733	-	-	-	-
LOW	12,100	91,200	-	-	-	-
TOTAL	5,771,100	4,290,537	6,842,700	1,319,847	11,015,000	1,552,408
GRAND TOTAL	69,321,800	11,447,997	12,556,100	2,157,271	80,449,500	2,588,636

SPECIES	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
JACK	-	-	300	$45	268,300	$16,125
CUDA	-	-	-	-	5,100	306
ISH	900	$175	-	-	564,200	80,195
RUNNER OR HARDTAIL	5,000	400	-	-	1,960,200	116,454
OFISH	-	-	14,000	1,680	75,700	5,941
OR CRAB EATER	500	75	1,700	340	90,100	11,041
	-	-	800	80	800	80
SH AND BULLHEADS	-	-	35,200	9,504	128,000	33,060
ISH	-	-	-	-	54,900	3,294
LLE	100	10	-	-	419,500	33,415
R	43,600	4,287	500	35	249,700	17,328
N	-	-	-	-	3,000	360
ACK	163,900	16,467	566,400	56,640	1,322,600	106,634
OR REDFISH	254,300	62,395	620,600	124,120	2,379,600	387,997
DERS	100,800	19,468	177,000	42,489	878,300	148,557
ISH	11,100	555	-	-	11,100	555
IPERS	4,300	645	101,400	12,168	7,574,300	905,103
TS	-	-	-	-	112,000	6,705
EST FISH OR "STARFISH"	-	-	-	-	17,400	1,044
ORY SHAD	-	-	-	-	1,000	40
ISH	-	-	7,600	760	219,200	11,847
MACKEREL	-	-	-	-	1,118,700	179,617
WHITING OR "KINGFISH"	197,000	22,228	107,200	7,504	742,800	61,755
ADEN	88,110,400	1,308,016	28,184,900	263,120	192,097,100	2,509,898
RRA	-	-	-	-	182,600	11,210
ET	9,900	552	190,500	4,764	28,481,800	3,330,618
ONFISH	-	-	-	-	5,100	1,020
LEFISH OR SPOONBILL CAT.	-	-	-	-	5,500	825
ISH	-	-	-	-	114,900	6,894
ISH	-	-	-	-	129,900	7,794
ANO	200	140	300	150	436,400	204,858

(CONTINUED ON NEXT PAGE)

CATCH BY STATES - Continued

SPECIES	LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA CATFISH.	206,300	$20,679	110,200	$11,020	877,700	$67,0
SHARKS	500	40	-	-	1,200	
SHEEPSHEAD:						
FRESH-WATER.	-	-	-	-	3,100	1
SALT-WATER	111,500	13,411	15,300	1,530	790,000	58,8
SNAPPERS:						
MANGROVE	-	-	-	-	101,600	12,1
RED.	51,600	14,448	1,323,600	304,428	6,216,200	1,352,2
SNOOK OR SERGEANTFISH. . . .	-	-	-	-	306,800	36,8
SPANISH MACKEREL	1,800	324	7,800	1,560	6,063,800	777,4
SPOT	25,400	2,540	-	-	316,000	20,0
SEA TROUT OR WEAKFISH:						
SPOTTED.	338,000	96,968	588,200	147,048	4,687,200	969,4
WHITE.	165,400	19,688	4,600	322	821,400	72,8
STURGEON	-	-	-	-	10,100	2,1
TENPOUNDER	2,200	176	-	-	625,100	34,4
TRIPLETAIL	5,100	765	-	-	32,300	4,2
YELLOWTAIL	-	-	-	-	64,200	16,3
TOTAL.	89,809,800	1,604,452	32,058,100	989,307	260,566,500	11,624,8
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	21,109,600	608,152	526,200	33,889	30,603,400	1,090,4
SOFT AND PEELERS	880,900	440,450	-	-	880,900	440,4
STONE.	27,800	4,170	-	-	80,700	28,6
LOBSTERS, SPINY.	-	-	-	-	205,000	41,0
SHRIMP	88,248,600	18,565,347	22,416,200	4,856,623	119,590,200	25,100,8
CLAMS:						
COQUINA.	-	-	-	-	54,000	13,5
HARD, PUBLIC	-	-	-	-	687,700	171,9
CONCHS	-	-	-	-	14,300	3,5
OYSTERS, MARKET:						
PUBLIC, SPRING	3,701,600	1,040,859	395,700	181,464	6,937,000	2,264,5
PUBLIC, FALL	773,600	223,416	183,600	83,710	2,436,900	974,7
PRIVATE, SPRING.	3,361,600	1,397,728	-	-	3,371,900	1,402,0
PRIVATE, FALL.	1,179,500	495,390	-	-	1,185,400	497,7
TOTAL OYSTERS.	9,016,300	3,157,393	579,300	265,174	13,931,200	5,139,1
SCALLOPS, BAY.	-	-	-	-	108,000	59,4
SQUID.	3,300	264	100	5	3,400	2
TURTLES, GREEN.	11,600	1,740	-	-	23,300	2,9
SPONGES:						
GRASS.	-	-	-	-	62,500	260,2
SHEEPSWOOL	-	-	-	-	178,900	2,633,6
WIRE	-	-	-	-	13,100	18,7
YELLOW	-	-	-	-	12,100	91,2
TOTAL.	119,298,100	22,777,516	23,521,800	5,155,691	166,448,700	35,095,9
GRAND TOTAL.	209,107,900	24,381,968	55,579,900	6,144,998	427,015,200	46,720,8



GILL NET DRYING

SUPPLEMENTARY REVIEW OF CATCH OF CERTAIN SHELLFISH - VARIOUS YEARS

ITEM		FLORIDA, WEST COAST, 1945		ALABAMA, 1948		MISSISSIPPI, 1948	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BS:							
LUE:							
HARD.	NUMBER	2,543,592	$54,620	5,689,236	$118,630	11,005,200	$275,130
TONE	DO	52,900	24,500	-	-	-	-
MS:							
OQUINA	BUSHELS	6,750	13,500	-	-	-	-
ARD, PUBLIC.	DO	85,393	171,925	-	-	-	-
CHS.	DO	841	3,575	-	-	-	-
TER, MARKET:							
UBLIC, SPRING.	DO	101,310	224,331	188,306	442,369	351,441	375,543
UBLIC, FALL.	DO	233,624	478,695	72,396	139,013	29,148	49,937
RIVATE, SPRING	DO	-	-	1,661	4,326	-	-
RIVATE, FALL	DO	-	-	1,229	2,360	-	-
LLOPS, BAY	DO	21,357	59,400	-	-	-	-

ITEM		LOUISIANA, 1948		TEXAS, 1948		TOTAL, VARIOUS YEARS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BS:							
LUE:							
HARD.	NUMBER	44,025,840	$608,152	912,024	$33,889	64,175,892	$1,090,421
SOFT AND PEELERS.	DO	2,592,300	440,450	-	-	2,592,300	440,450
TONE	DO	-	-	-	-	52,900	24,500
MS:							
OQUINA	BUSHELS	-	-	-	-	6,750	13,500
ARD, PUBLIC.	DO	-	-	-	-	85,393	171,925
CHS.	DO	-	-	-	-	841	3,575
TERS, MARKET:							
UBLIC, SPRING.	DO	1,064,625	1,040,859	81,732	181,464	1,787,414	2,264,566
UBLIC, FALL.	DO	198,961	223,416	44,750	83,710	578,879	974,771
RIVATE, SPRING	DO	781,635	1,397,728	-	-	783,296	1,402,054
RIVATE, FALL	DO	299,989	495,390	-	-	301,218	497,750
LLOPS, BAY		-	-	-	-	21,357	59,400

OTE:--BUSHELS REPRESENT U. S. STANDARD BUSHELS OF 2,150.4 CUBIC INCHES CAPACITY.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH - VARIOUS YEARS

ITEM		FLORIDA, WEST COAST, 1945	ALABAMA, 1948	MISSISSIPPI, 1948
		QUANTITY	QUANTITY	QUANTITY
S:				
LUE:				
HARD.	NUMBER PER POUND	2.32	2.40	2.00
ONE	DO	1.00	-	-
S:				
QUINA	LBS. MEAT PER U.S. STANDARD BUSHELS	8.00	-	-
RD, PUBLIC.	DO	8.05	-	-
HS.	DO	17.00	-	-
ERS, MARKET:				
PUBLIC, SPRING.	DO	4.71	6.20	3.40
BLIC, FALL.	DO	4.36	4.80	3.90
IVATE, SPRING	DO	-	6.20	-
PRIVATE, FALL	DO	-	4.80	-
LLOPS, BAY	DO	5.06	-	-

ITEM		LOUISIANA, 1948	TEXAS, 1948
		QUANTITY	QUANTITY
ABS:			
BLUE:			
HARD.	NUMBER PER POUND	2.09	1.73
SOFT AND PEELERS.	DO	2.94	-
STERS, MARKET:			
PUBLIC, SPRING.	LBS. MEAT PER U.S. STANDARD BUSHELS	3.48	4.84
PUBLIC, FALL.	DO	3.89	4.10
PRIVATE, SPRING	DO	4.30	-
PRIVATE, FALL	DO	3.93	-

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/

ITEM			MISSISSIPPI AND ALABAMA		LOUISIANA AND TEXAS	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:						
MENHADEN:						
MEAL AND DRY SCRAP	1948	TONS	6,780	$797,413	(2)	(2)
OIL	1948	GALLONS	779,810	883,028	(2)	(2)
SEA TROUT, SALTED	1940	POUNDS	-	-	3,000	$649
CRABS, HARD, BLUE:						
CANNED	1948	STANDARD CASES	(2)	(2)	14,520	220,672
MEAT, FRESH-COOKED	1940	POUNDS	286,051	88,357	1,482,681	393,646
OYSTERS:						
CANNED	1948	STANDARD CASES	98,921	1,325,844	114,722	1,486,177
FRESH-SHUCKED	1940	GALLONS	84,284	136,306	294,824	446,331
SHRIMP:						
CANNED	1948	STANDARD CASES	94,675	1,362,421	444,543	6,104,539
COOKED, PEELED	1940	POUNDS	211,425	58,530	863,895	237,586
FROZEN, PACKAGED	1940	DO	1,986,119	263,034	12,403,660	1,713,015
SUNDRIED	1940	DO	-	-	1,930,400	326,416
MEAL OR BRAN	1948	TONS	(2)	(2)	616	40,656
MISCELLANEOUS 3/	1948	-	-	94,533	-	4,245,951
MISCELLANEOUS CANNED 4/	1948	STANDARD CASES	1,665	37,593	3,874	96,737
TOTAL		-	-	5,047,059	-	15,312,375
FISHERMEN PREPARED:						
OYSTERS, FRESH-SHUCKED	1940	GALLONS	3,380	4,225	-	-
GRAND TOTAL		-	-	5,051,284	-	15,312,375

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ INCLUDED WITH MISCELLANEOUS ITEMS.

3/ MISCELLANEOUS IN ALABAMA, INCLUDES FRESH AND FROZEN GROUPER AND RED SNAPPER FILLETS AND STEAKS, AND CRAB AND SHRIMP MEAL; IN MISSISSIPPI, FISH SOLUBLES; IN LOUISIANA AND TEXAS, MENHADEN MEAL AND OIL AND OYSTER SHELL GRIT AND UNBURNED LIME.

4/ MISCELLANEOUS CANNED IN ALABAMA INCLUDES CRAB MEAT, CRAB GUMBO, OYSTER CREOLE, SHRIMP CREOLE AND GUMBO; IN MISSISSIPPI, CRAB MEAT AND SMOKED SHRIMP; IN LOUISIANA, CRAYFISH BISQUE; SOFT SHELL CRABS; LOBSTER BISQUE; SHRIMP BALLS, PASTE, DEVILED, BISQUE AND CREOLE; SMOKED OYSTERS; OYSTER SOUP; TURTLE SOUP, CREOLE, BOUILLABAISSE AND GUMBO.

NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE	VALUE	VALUE	VALUE
MISSISSIPPI	$4,378,772	$4,225	$4,382,997
ALABAMA	668,287	-	668,287
LOUISIANA	13,300,527	-	13,300,527
TEXAS	2,011,848	-	2,011,848
TOTAL	20,359,434	4,225	20,363,659

SUMMARY OF ITEMS:

ITEM	YEAR	UNIT	QUANTITY	VALUE
CANNED FISH AND SHELLFISH	1948	STANDARD CASES	772,920	$10,633,983
FISHERY BYPRODUCTS AND PACKAGED FISH	1948	-	-	6,061,581
PACKAGED SHELLFISH	1940	POUNDS	22,511,001	3,667,446
SALTED FISH	1940	DO	3,000	649
TOTAL	-	-	-	20,363,659

ALABAMA

OPERATING UNITS BY GEAR, 1948

ITEM	HAUL SEINES, COMMON	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES		
				HAND	TRAWL OR TROT WITH HOOKS	TROT WITH BAITS OR SNOODS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ERMEN:						
VESSELS	32	-	7	124	-	-
BOATS AND SHORE:						
REGULAR	33	84	138	50	19	163
CASUAL	6	-	18	44	9	23
TOTAL	71	84	163	218	28	186
BELS, MOTOR	5	-	1	14	-	-
T TONNAGE	40	-	12	258	-	-
TS:						
OTOR	12	27	72	44	7	130
THER	18	27	84	49	21	56
SSORY BOATS	10	-	2	-	-	-
ARATUS:						
MBER	18	27	165	218	28	186
NGTH, YARDS	6,700	-	-	-	-	-
QUARE YARDS	-	12,000	74,900	-	-	-
OOKS, BAITS, OR SNOODS	-	-	-	354	10,270	77,650

ITEM	FYKE NETS, FISH	OTTER TRAWLS, SHRIMP	POTS, FISH	SPEARS	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HERMEN:						
VESSELS	-	78	-	-	4	229
BOATS AND SHORE:						
REGULAR	9	656	11	37	345	1,011
CASUAL	2	-	9	10	198	244
TOTAL	11	734	20	47	547	1,484
ELS, MOTOR	-	39	-	-	2	53
T TONNAGE	-	368	-	-	27	625
S:						
OTOR	5	342	5	-	332	571
HER	6	-	15	-	211	280
SSORY BOATS	-	-	-	-	-	12
RATUS:						
MBER	123	381	222	47	547	-
ARDS AT MOUTH	-	5,584	-	-	-	-

ALABAMA: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
							HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EFISH	100	$15	3,000	$450	2,500	$375	-	-
E RUNNER OR HARDTAIL	4,700	188	44,000	1,760	15,500	652	-	-
BIO OR CRAB EATER	-	-	-	-	1,400	210	300	$45
EVALLE	100	5	2,100	105	3,200	185	-	-
OAKER	11,800	821	-	-	33,200	2,336	3,100	217
UM:								
BLACK	19,100	1,531	200	16	48,700	3,890	19,700	1,570
RED OR REDFISH	24,900	5,478	1,100	242	86,600	19,052	44,500	9,791
OUNDERS	13,000	2,562	4,500	893	48,400	9,521	3,700	732
OUPERS	-	-	-	-	-	-	257,000	27,322
WFISH	-	-	-	-	-	-	5,100	502
NG MACKEREL	-	-	2,900	319	-	-	-	-
NG WHITING OR "KINGFISH"	10,200	705	5,000	350	53,200	3,617	10,800	749
LLET	248,200	18,570	19,700	1,576	1,085,300	77,165	-	-
MPANO	-	-	1,100	600	1,100	525	-	-
A CATFISH	17,500	1,258	4,300	344	29,600	2,309	15,100	1,174
EEPSHEAD, SALT-WATER	12,200	1,225	-	-	60,700	6,118	8,600	871
APPER, RED	-	-	-	-	-	-	1,851,800	442,391
ANISH MACKEREL	1,100	122	875,300	70,024	10,800	1,130	300	29
OT	600	50	-	-	900	65	-	

(CONTINUED ON NEXT PAGE)

ALABAMA: CATCH BY GEAR, 1948 - Continued

SPECIES	HAUL SEINES		GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
							HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA TROUT OR WEAKFISH:								
SPOTTED.	36,400	$8,008	4,600	$1,012	141,700	$31,174	52,400	$11,605
WHITE.	43,300	4,308	1,100	107	65,300	6,473	24,000	2,401
STURGEON	-	-	-	-	2,100	420	-	-
TENPOUNDER	1,400	70	4,500	225	4,300	240	-	-
TRIPLETAIL	100	15	3,200	480	1,600	240	-	-
TOTAL.	444,700	44,931	976,600	78,503	1,696,100	165,697	2,296,400	499,399

SPECIES	LINES - CONTINUED				FYKE NETS	
	TRAWL OR TROT WITH HOOKS		TROT WITH BAITS OR SNOODS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	-	-	-	-	61,700	$4,261
CATFISH AND BULLHEADS. . .	54,500	$13,726	-	-	200	52
DRUM, RED OR REDFISH . . .	100	22	-	-	-	-
PADDLEFISH	-	-	-	-	5,500	825
SHEEPSHEAD, FRESH-WATER. .	600	30	-	-	2,500	100
SEA TROUT OR WEAKFISH,						
SPOTTED.	100	22	-	-	-	-
STURGEON	-	-	-	-	800	160
CRABS, BLUE, HARD.	-	-	2,372,600	$118,630	-	-
TOTAL.	55,300	13,800	2,372,600	118,630	70,700	5,398

SPECIES	OTTER TRAWLS		POTS		SPEARS		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS. . .	-	-	37,700	$9,698	-	-	-	-
FLOUNDERS.	27,000	$4,788	-	-	53,200	$10,653	-	-
KING WHITING OR "KINGFISH"	28,800	2,016	-	-	-	-	-	-
SEA TROUT OR WEAKFISH,								
WHITE.	26.900	2,541	-	-	-	-	-	-
SHRIMP	2,938,900	613,149	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC, SPRING	-	-	-	-	-	-	1,167,500	$442,369
PUBLIC, FALL	-	-	-	-	-	-	347,500	139,013
PRIVATE, SPRING.	-	-	-	-	-	-	10,300	4,326
PRIVATE, FALL.	-	-	-	-	-	-	5,900	2,360
TOTAL.	3,021,600	622,494	37,700	9,698	53,200	10,653	1,531,200	588,068

MISSISSIPPI

SUMMARY OF OPERATING UNITS, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	TRAMMEL NETS	LINES	
				HAND	TROT WITH BAITS OR SNOODS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	422	-	-	13	-
ON BOATS AND SHORE:					
REGULAR.	-	3	78	47	265
CASUAL	-	-	-	44	2
TOTAL.	422	3	78	104	267
VESSELS, MOTOR	21	-	-	2	-
NET TONNAGE.	1,373	-	-	26	-
BOATS:					
MOTOR.	-	1	44	46	256
OTHER.	-	1	34	41	11
ACCESSORY BOATS.	63	-	-	-	-
APPARATUS:					
NUMBER	21	1	55	104	267
LENGTH, YARDS.	8,250	200	-	-	-
SQUARE YARDS	-	-	14,280	-	-
HOOKS, BAITS, OR SNOODS.	-	-	-	125	153,800

(CONTINUED ON NEXT PAGE)

MISSISSIPPI: OPERATING UNITS BY GEAR, 1948 - Continued

ITEM	CAST NETS	OTTER TRAWL, SHRIMP	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HERMEN:					
IN VESSELS	-	635	427	-	1,300
IN BOATS AND SHORE:					
REGULAR	45	1,220	42	345	1,311
CASUAL	8	-	-	-	42
TOTAL	53	1,855	469	345	2,653
SELS, MOTOR	-	295	96	-	317
ET TONNAGE	-	4,071	1,251	-	5,449
TS:					
OTOR	-	610	14	267	656
THER	-	-	-	75	118
ESSORY BOATS	-	-	-	-	63
ARATUS:					
UMBER	53	905	220	345	-
ARDS AT MOUTH	-	17,457	231	-	-

MISSISSIPPI: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UEFISH	-	-	-	-	200	$34
E RUNNER OR HARDTAIL	-	-	-	-	600	30
IO OR CRAB EATER	-	-	-	-	300	55
VALLE	-	-	-	-	300	30
KER	-	-	1,000	$100	2,300	234
:						
LACK	-	-	1,000	120	11,700	1,332
D OR REDFISH	-	-	2,000	500	34,400	8,405
UNDERS	-	-	1,000	200	8,200	1,595
G WHITING OR "KINGFISH"	-	-	1,000	120	22,000	2,590
HADEN	68,636,100	$907,438	-	-	-	-
LET	-	-	-	-	140,800	16,816
CATFISH	-	-	1,500	120	8,900	712
EPSHEAD, SALT-WATER	-	-	2,000	240	6,400	819
ISH MACKEREL	-	-	-	-	200	35
	-	-	-	-	400	40
TROUT OR WEAKFISH:						
POTTED	-	-	2,000	500	44,700	11,175
HITE	-	-	1,000	150	36,100	5,415
POUNDER	-	-	-	-	100	5
LETAIL	-	-	-	-	700	105
TOTAL	68,636,100	907,438	12,500	2,050	318,300	49,427

SPECIES	LINES				CAST NETS	
	HAND		TROT WITH BAITS OR SNOODS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BIO OR CRAB EATER	100	$20	-	-	-	-
OAKER	1,300	124	-	-	-	-
UM:						
BLACK	7,100	828	-	-	-	-
RED OR REDFISH	17,200	4,215	-	-	-	-
OUNDERS	2,400	460	-	-	-	-
OUPERS	35,000	4,200	-	-	-	-
NG WHITING OR "KINGFISH"	7,600	834	-	-	-	-
LLET	-	-	-	-	71,800	$8,440
A CATFISH	20,100	1,608	-	-	-	-
EEPSHEAD, SALT-WATER	3,000	387	-	-	-	-
APPER, RED	143,400	31,548	-	-	-	-
A TROUT OR WEAKFISH:						
SPOTTED	15,000	3,750	-	-	-	-
WHITE	21,500	2,615	-	-	-	-
IPLETAIL	100	15	-	-	-	-
ABS, BLUE, HARD	-	-	5,502,600	$275,130	-	-
TOTAL	273,800	50,604	5,502,600	275,130	71,800	8,440

(CONTINUED ON NEXT PAGE)

MISSISSIPPI: CATCH BY GEAR, 1948 - Continued

SPECIES	OTTER TRAWLS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
FLOUNDERS	33,800	$6,560	-	-	-	-
KING WHITING OR "KINGFISH"	50,700	6,084	-	-	-	-
SEA TROUT OR WEAKFISH, WHITE	37,500	5,625	-	-	-	-
SHRIMP	4,203,800	851,798	-	-	-	-
OYSTERS, MARKET:						
PUBLIC, SPRING	-	-	960,000	$273,708	234,900	$101,83
PUBLIC, FALL	-	-	10,700	4,650	103,000	45,28
TOTAL	4,325,800	870,067	970,700	278,358	337,900	147,12

NOTE:--THE PRODUCTION OF FISHERY PRODUCTS BY MISSISSIPPI CRAFT IN LOUISIANA WATERS HAS BEEN INCLUDED WITH THE CATCH FOR LOUISIANA. THESE CATCHES WERE AS FOLLOWS: BY OYSTER DREDGES, PUBLIC SPRING OYSTERS, 2,237,900 POUNDS OF MEATS, VALUED AT $642,266; AND PUBLIC FALL OYSTERS, 691,900 POUNDS OF MEATS, VALUED AT $199,109; BY OYSTER TONGS, PUBLIC FALL OYSTERS, 2,200 POUNDS OF MEATS, VALUED AT $470; AND BY SHRIMP TRAWLS, SHRIMP, 8,282,800 POUNDS, VALUED AT $1,738,488.

LOUISIANA

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	TRAMMEL NETS	LINES		DIP NETS	
				HAND	TROT WITH BAITS OR SNOODS	COMMON	DROP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	158	-	74	-	-	-	-
ON BOATS AND SHORE:							
REGULAR	-	129	284	99	886	228	54
CASUAL	-	3	-	9	193	87	48
TOTAL	158	132	358	108	1,079	315	102
VESSELS, MOTOR	8	-	17	-	-	-	-
NET TONNAGE	441	-	179	-	-	-	-
BOATS:							
MOTOR	-	36	99	84	718	31	43
OTHER	-	56	171	16	361	224	59
ACCESSORY BOATS	24	-	37	-	-	-	-
APPARATUS:							
NUMBER	8	41	122	108	1,079	315	5,060
LENGTH, YARDS	3,100	7,360	-	-	-	-	-
SQUARE YARDS	-	-	36,117	-	-	-	-
HOOKS, BAITS, OR SNOODS	-	-	-	120	375,110	-	-

ITEM	OTTER TRAWLS, SHRIMP	BRUSH TRAPS	POTS, CRAB	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	1,976	-	-	257	-	2,341
ON BOATS AND SHORE:						
REGULAR	3,886	130	10	47	836	4,891
CASUAL	-	-	-	-	-	255
TOTAL	5,862	130	10	304	336	7,487
VESSELS, MOTOR	868	-	-	54	-	888
NET TONNAGE	11,733	-	-	650	-	12,289
BOATS:						
MOTOR	1,945	95	4	11	168	2,478
OTHER	-	35	-	-	513	1,102
ACCESSORY BOATS	-	-	-	-	-	61
APPARATUS:						
NUMBER	2,813	93,500	140	130	836	-
YARDS AT MOUTH	56,357	-	-	143	-	-

LOUISIANA: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		TRAMMEL NETS		LINES	
							HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EFISH	-	-	500	$100	400	$75	-	-
E RUNNER OR HARDTAIL	-	-	4,900	392	100	8	-	-
O OR CRAB EATER	-	-	-	-	200	30	300	$45
VALLE	-	-	-	-	-	-	100	10
AKER	-	-	22,600	2,192	19,400	1,939	1,100	106
M:								
LACK	-	-	57,500	5,750	99,000	9,979	7,400	738
ED OR REDFISH	-	-	71,000	17,287	166,100	40,833	17,200	4,275
UNDERS	-	-	16,800	3,336	13,300	2,561	1,000	202
ISH	-	-	10,900	545	200	10	-	-
UPERS	-	-	-	-	-	-	4,300	645
WHITING OR "KINGFISH"	-	-	40,100	4,171	53,700	6,423	4,000	480
HADEN	88,110,400	$1,308,016	-	-	-	-	-	-
LET	-	-	6,000	357	3,900	195	-	-
PANO	-	-	-	-	200	140	-	-
CATFISH	-	-	49,500	4,999	88,800	8,880	68,000	6,800
RKS	-	-	-	-	500	40	-	-
EPSHEAD, SALT-WATER	-	-	24,800	3,039	83,300	9,966	3,400	406
PPER, RED	-	-	-	-	-	-	51,600	14,448
NISH MACKEREL	-	-	200	36	1,600	288	-	-
T	-	-	4,200	420	18,800	1,880	2,400	240
TROUT OR WEAKFISH:								
POTTED	-	-	86,200	24,796	221,300	63,335	30,500	8,837
HITE	-	-	41,100	4,815	101,100	12,102	11,900	1,415
POUNDER	-	-	1,000	80	1,200	96	-	-
PLETAIL	-	-	500	75	4,300	645	300	45
BS, BLUE:								
ARD	-	-	500	15	-	-	-	-
OFT AND PEELERS	-	-	183,500	91,750	-	-	-	-
TOTAL	88,110,400	1,308,016	621,800	164,155	877,400	159,425	203,500	38,692

SPECIES	LINES - CONTINUED		DIP NETS		OTTER TRAWLS		BRUSH TRAPS	
	TROT WITH BAITS OR SNOODS							
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
KER	-	-	-	-	500	$50	-	-
NDERS	-	-	-	-	69,700	13,369	-	-
WHITING OR "KINGFISH"	-	-	-	-	99,200	11,154	-	-
TROUT OR WEAKFISH,								
ITE	-	-	-	-	11,300	1,356	-	-
S, BLUE:								
RD	20,553,600	$589,927	414,500	$12,643	31,500	1,187	-	-
FT AND PEELERS	-	-	402,300	201,150	-	-	295,100	$147,550
FISH, FRESH-WATER	-	-	27,800	4,170	-	-	-	-
MP	-	-	-	-	88,248,600	18,565,347	-	-
D	-	-	-	-	3,300	264	-	-
LES, GREEN	-	-	-	-	11,600	1,740	-	-
TOTAL	20,553,600	589,927	844,600	217,963	88,475,700	18,594,467	295,100	147,550

SPECIES	POTS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ABS, BLUE, HARD	109,500	$4,380	-	-	-	-
STERS, MARKET:						
PUBLIC, SPRING	-	-	3,652,300	$1,021,665	49,300	$19,194
PUBLIC, FALL	-	-	762,400	218,896	11,200	4,520
PRIVATE, SPRING	-	-	121,400	50,988	3,240,200	1,346,740
PRIVATE, FALL	-	-	4,500	1,890	1,175,000	493,500
TOTAL	109,500	4,380	4,540,600	1,293,439	4,475,700	1,863,954

TE:--THE PRODUCTION OF FISHERY PRODUCTS BY MISSISSIPPI CRAFT IN LOUISIANA WATERS HAS BEEN INCLUDED WITH THE CATCH FOR LOUISIANA. THESE CATCHES WERE AS FOLLOWS: BY OYSTER DREDGES, PUBLIC SPRING OYSTERS, 2,237,900 POUNDS OF MEATS, VALUED AT $642,266; AND PUBLIC FALL OYSTERS, 691,900 POUNDS OF MEATS, VALUED AT $199,109; BY OYSTER TONGS, PUBLIC FALL OYSTERS, 2,200 POUNDS OF MEAT, VALUED AT $470; AND BY SHRIMP TRAWLS, SHRIMP, 8,282,800 POUNDS, VALUED AT $1,738,488.

TEXAS

OPERATING UNITS BY GEAR, 1948

ITEM	PURSE SEINES, MENHADEN	HAUL SEINES, COMMON	GILL NETS, STAKE	TRAMMEL NETS	LINES			
					HAND	TRAWL OR TROT WITH HOOKS	TROLL	TROT WITH BAITS OR SNOODS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	96	-	-	-	196	-	10	-
ON BOATS AND SHORE:								
REGULAR	-	65	27	106	252	204	2	52
CASUAL.	-	49	2	2	56	10	6	-
TOTAL	96	114	29	108	504	214	18	52
VESSELS, MOTOR.	5	-	-	-	36	-	6	-
NET TONNAGE	238	-	-	-	606	-	54	-
BOATS:								
MOTOR	-	9	12	51	231	173	5	33
OTHER	-	48	6	39	36	14	-	17
ACCESSORY BOATS	15	-	-	-	-	-	-	-
APPARATUS:								
NUMBER.	5	28	17	56	493	340	18	50
LENGTH, YARDS	2,000	12,406	-	-	-	-	-	-
SQUARE YARDS.	-	-	4,450	30,993	-	-	-	-
HOOKS, BAITS, OR SNOODS	-	-	-	-	712	32,988	18	10,900

ITEM	FYKE NETS, FISH	OTTER TRAWLS, SHRIMP	POTS, CRABS	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	1,028	-	-	9	-	-	1,262
ON BOATS AND SHORE:								
REGULAR	4	1,597	37	29	77	175	12	2,008
CASUAL.	-	-	7	36	-	-	-	127
TOTAL	4	2,625	44	65	86	175	12	3,397
VESSELS, MOTOR.	-	462	-	-	3	-	-	477
NET TONNAGE	-	7,941	-	-	26	-	-	8,368
BOATS:								
MOTOR	-	811	39	-	27	103	-	1,131
OTHER	4	-	4	-	-	5	-	124
ACCESSORY BOATS	-	-	-	-	-	-	-	15
APPARATUS:								
NUMBER.	23	1,273	1,375	65	41	175	-	-
YARDS AT MOUTH.	-	26,275	-	-	50	-	-	-

TEXAS: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS, STAKE		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	-	-	-	-	3,700	$444
CABIO OR CRAB EATER . . .	-	-	-	-	-	-	100	20
CATFISH AND BULLHEADS . .	-	-	-	-	-	-	3,600	972
CROAKER	-	-	400	$28	-	-	100	7
DRUM:								
BLACK	-	-	212,900	21,290	12,100	$1,210	60,000	6,000
RED OR REDFISH.	-	-	199,800	39,960	28,100	5,620	155,300	31,060
FLOUNDERS	-	-	1,700	408	1,900	456	18,900	4,536
JEWFISH	-	-	200	20	-	-	100	10
KING WHITING OR "KINGFISH".	-	-	6,100	427	1,200	84	7,000	490
MENHADEN.	28,184,900	$263,120	-	-	-	-	-	-
MULLET.	-	-	155,600	3,891	100	3	34,800	870
POMPANO	-	-	100	50	100	50	100	50
SEA CATFISH	-	-	2,000	200	15,400	1,540	19,700	1,970
SHEEPSHEAD, SALT-WATER. .	-	-	3,800	380	2,400	240	1,300	130
SPANISH MACKEREL.	-	-	1,200	240	-	-	100	20
SEA TROUT OR WEAKFISH:								
SPOTTED	-	-	232,000	58,000	34,800	8,698	142,200	35,550
WHITE	-	-	2,600	182	-	-	200	14
TOTAL	28,184,900	263,120	818,400	125,076	96,100	17,901	447,200	82,143

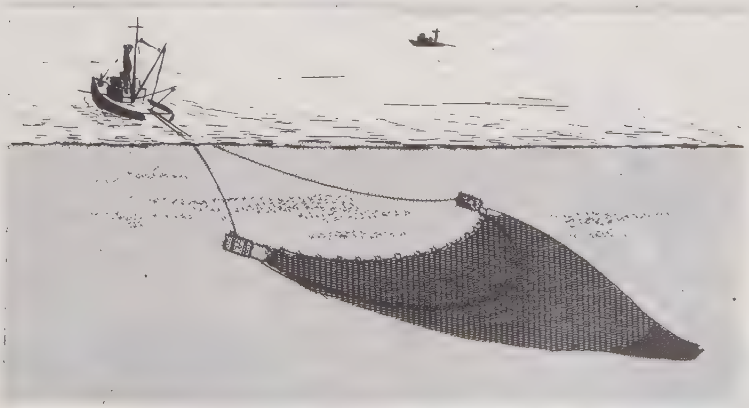
(CONTINUED ON NEXT PAGE)

TEXAS: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES							
	HAND		TRAWL OR TROT WITH HOOKS		TROLL		TROT WITH BAITS OR SNOODS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
JACK	-	-	-	-	300	$45	-	-
OR CRAB EATER	200	$40	-	-	1,200	240	-	-
H AND BULLHEADS	-	-	31,600	$8,532	-	-	-	-
CK	125,800	12,580	155,600	15,560	-	-	-	-
OR REDFISH	68,100	13,620	169,300	33,860	-	-	-	-
DERS	25,800	6,192	600	144	-	-	-	-
ERS	101,400	12,168	-	-	-	-	-	-
BH	7,100	710	-	-	-	-	-	-
WHITING OR NGFISH"	9,800	686	-	-	-	-	-	-
ATFISH	61,600	6,160	11,500	1,150	-	-	-	-
BHEAD, SALT-WATER	7,800	780	-	-	-	-	-	-
ER, RED	1,315,300	302,519	-	-	-	-	-	-
SH MACKEREL	2,700	540	-	-	3,800	760	-	-
ROUT OR WEAKFISH, TTED	128,300	32,075	50,900	12,725	-	-	-	-
, BLUE, HARD	-	-	-	-	-	-	164,700	$11,311
TOTAL	1,853,900	388,070	419,500	71,971	5,300	1,045	164,700	11,311

SPECIES	FYKE NETS		OTTER TRAWLS		POTS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LOFISH	10,300	$1,236	-	-	-	-	-	-
OR CRAB EATER	-	-	200	$40	-	-	-	-
	800	80	-	-	-	-	-	-
DERS	-	-	89,700	21,537	-	-	38,400	$9,216
SH	-	-	200	20	-	-	-	-
WHITING OR GFISH"	-	-	83,100	5,817	-	-	-	-
ER, RED	-	-	8,300	1,909	-	-	-	-
ROUT OR WEAKFISH, E	-	-	1,800	126	-	-	-	-
BLUE, HARD	-	-	20,300	2,000	341,200	$20,578	-	-
P	-	-	22,416,200	4,856,623	-	-	-	-
	-	-	100	5	-	-	-	-
TOTAL	11,100	1,316	22,619,900	4,888,077	341,200	20,578	38,400	9,216

SPECIES	DREDGES		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
S, MARKET:						
IC, SPRING	94,300	$43,314	261,100	$119,612	40,300	$18,538
IC, FALL	22,300	10,262	159,900	72,804	1,400	644
TOTAL	116,600	53,576	421,000	192,416	41,700	19,182



SHRIMP TRAWL

TARPON SPRINGS SPONGE FISHERY

During 1948, a total of 74,464 pounds of sponges, valued at $465,937 was sold on the Exchange at Tarpon Springs, Florida. This was a decrease of 83,840 pounds or 53 percent in volume, and of $1,275,946 or 73 percent in value compared with the transactions of the previous year.

Sales of sponges on the Exchange during 1948 were as follows:

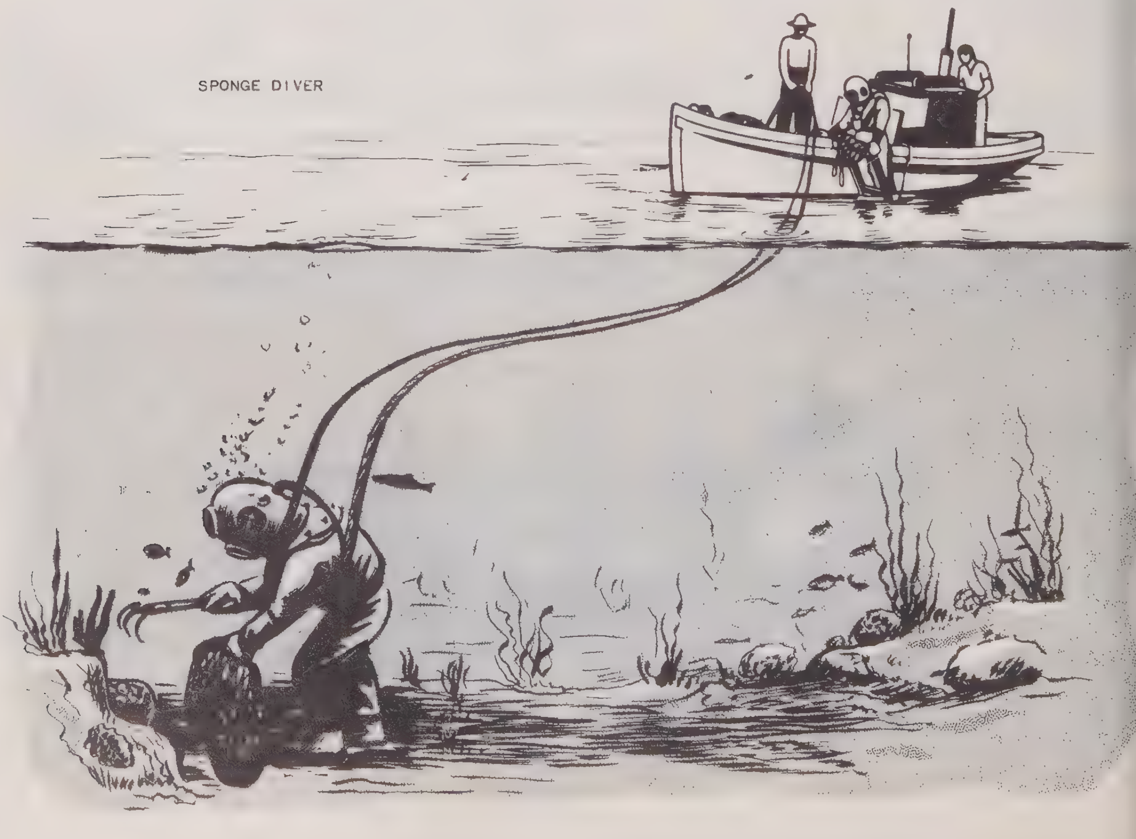
	Bunches	Pounds	Value
Large Wool	725	7,975	$87,345
Small Wool	906	6,342	69,365
Wool Rags	6,952	45,813	277,279
Yellow	1,182	5,023	12,865
Grass	2,235	9,311	19,083

The 1948 total poundage was the lowest recorded in the 35 years for which data are available. The total value was the second lowest on record.

Domestic production of sponges has declined sharply since 1938. This is attributed to three reasons: first, lack of scientific management and control of the sponge beds; second, a fungus blight which began in 1939 and has seriously damaged the beds; and third, increased commercial production of artificial sponges.

Sponges are sold by 'the bunch', which consists of a string of sponges (strung) on a cord 60 inches long. As the weight of these bunches varies considerably, an estimated average weight per bunch for each classification is used in calculating the weight landed. These conversion factors may be found in Section 13 under the heading 'Conversion Factors.'

SPONGE DIVER



SECTION 7. PACIFIC COAST STATES FISHERIES

During 1948 Pacific pilchard landings increased appreciably but were still far be- l the half-million ton catches made prior to the war. An increase of slightly over million pounds was recorded in 1948, bringing the total for the year to 373,158,900 ds with a value of $11,010,356 to the fisherman. This was an increase of 37 percent quantity and 79 percent in value compared with the low-level of the previous year. he San Francisco area, the take of sardines decreased from 626,200 pounds in 1947 229,800 pounds in 1948; in the Monterey area the catch increased from 36,773,200 ds in 1947 to 95,514,000 pounds in 1948; and in Southern California the increase from 218,114,600 pounds in 1947 to 266,286,000 pounds in 1948. The catch in South- California, would undoubtedly have been greater if the fishing had not been inter- ced by price disagreements on two occasions, and if the canners had not imposed y take limits throughout most of the season. The price paid to fishermen during 1948 season began at $67.50 per ton but dropped to $50 per ton by the end of the on.

Tuna landings reached a new high of 325,005,600 pounds during 1948, and over 57 mil- n pounds above the former record established the previous year. Prices paid for a during the 1948 season were the highest ever reached with albacore climbing to 0 per ton for a short period. Yellowfin prices went to $340 per ton, bluefin brought 0 per ton and skipjack $320 per ton. Other noteworthy developments in the Pacific st Tuna fishery during 1948 were the purse seining operations in the more southern ers in combination with freezership operations; a general trend from the canning of ventional grated packs to a combined flake and chunk pack; and the inauguration of extensive advertising campaign to help boost canned tuna sales.

The landings of all salmon in the Pacific Coast States during 1948 totaled 65,380,300 nds, valued at $15,085,100. This is a decrease of 44 percent compared with the 1947 ch. The decrease was due primarily to an almost 52 million pound reduction in the h of pink salmon in the Puget Sound District of Washington. Pink salmon are taken quantity in that area only during odd-numbered years. The total salmon catch for ifornia during 1948 showed a decrease of 3.7 million pounds, while the Oregon catch wed a decrease of 1.8 million pounds compared with 1947

There were 14,006,400 pounds of halibut landed in the three Pacific Coast States ng 1948. This was a gain of over 5 million pounds compared with the previous year. 1948 halibut season was limited to 72 days, the shortest season since regulation of fishery by the International Fisheries Commission was begun.

The total production of fish and shellfish in the Pacific Coast States during 1948 aled 1,135,148,500 pounds valued at $114,018,151 to the fishermen. This represented increase of 9 percent in quantity and 22 percent in value compared with the previous The 1948 catch was the most valuable since the inception of the fishery. Of the catch, California accounted for 895,492,500 pounds valued at $79,983,474; Washing- 151,693,700 pounds, valued at $22,572,869; and Oregon 87,962,300 pounds, valued at 461,810.

The production of canned fish and fishery byproducts in the Pacific Coast States in was valued at $204,064,589 to the processor, 9 percent more than in 1947. The most valuable items processed were canned tuna, salmon and sardines. The packs tuna and sardines were the most valuable ever canned, while that of salmon was con- erably below the figure of the previous year. A total of 158 plants was engaged in ning fishery products in these states during 1948, while 96 were used for processing hery byproducts.

The quantity of packaged fish produced during 1948 in the Pacific Coast States aled approximately 22.7 million pounds.

The Maritime Industries, Inc., operated a whaling station at Fields Landing, California, during 1948. A total of 67 whales were taken, 29 more than in 1947. There wer 32 sperm whales, 19 finback whales, and 16 humpback whales taken. The total value o the manufactured whale products was $148,445.

In the following operating unit tabulations landings by certain types of gear ma be shown in one State although the vessel, crew, and gear may be credited to anothe State. The catch is listed for the port where it is landed, while the operating unit are credited to the home port of the vessel, except in those cases where the vessel di no fishing from its home port. In those cases the vessel is credited to the port wher it landed the greatest portion of its catch.

The last complete survey of the fishery transporting, wholesaling, and manufacturin industries was made for 1940. In that year 141 men were employed on 58 vessels operating in the transporting trade and 19,109 persons were employed in wholesale and manufacturing establishments. The latter employees received $11,440,359 in salaries an wages during 1940. Detailed statistics on these branches of the industry for 1940 ca be found in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16)

The following tables contain a summary of 1947 catch and operating units and detaile information on the 1947 catch and operating units of the Pacific Coast States. Condensed summary data of the operating units and catch by states of the Pacific Coas fisheries, appearing in the following pages, have been previously published in Curren Fishery Statistics No. 580.

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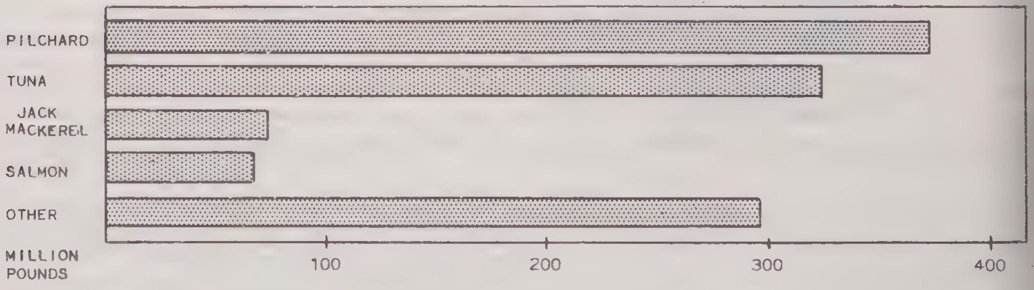
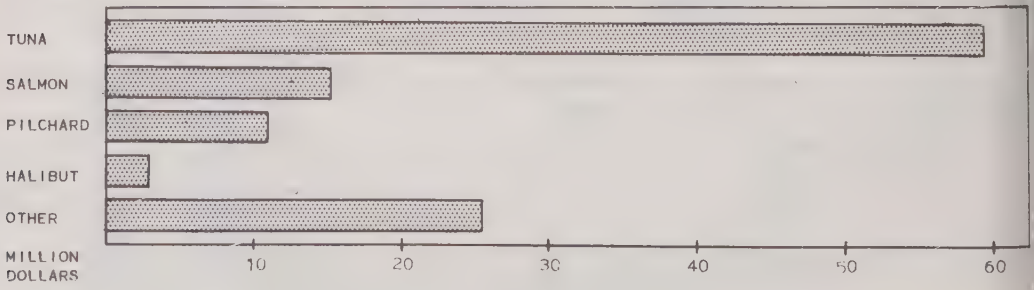
[8] *Data on the operating units and catch of the fisheries of the Pacific Coast Stat have been taken largely from statistics collected by the various State agencies. Supplementary surveys, compilations, and analyses, have been made by agents of this Servi in order that the figures may be presented in a manner comparable with those of oth sections. While statistics on the fisheries of California are for the calendar yea those for Oregon and Washington are for the fiscal year ending March 31, 1949, exce that statistics of the halibut fishery for Washington are for the calendar year.*

PACIFIC COAST STATES CATCH, 1948



VALUE OF PACIFIC COAST STATES CATCH, 1948



SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1948

PRODUCT	WASHINGTON		OREGON	
	POUNDS	VALUE	POUNDS	VALUE
	118,430,800	$17,876,801	77,681,400	$10,336,896
FISH, ETC.	33,262,900	4,696,068	10,280,900	1,124,914
TOTAL	151,693,700	22,572,869	87,962,300	11,461,810

PRODUCT	CALIFORNIA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
	860,874,700	$77,318,677	1,056,986,900	$105,532,374
FISH, ETC.	33,439,400	2,516,350	76,983,200	8,337,332
PRODUCTS	1,178,400	148,445	1,178,400	148,445
TOTAL	895,492,500	79,983,472	1,135,148,500	114,018,151

SUMMARY OF OPERATING UNITS

ITEM	WASHINGTON, 1948				OREGON, 1948		
	PUGET SOUND DISTRICT	COASTAL DISTRICT	COLUMBIA RIVER DISTRICT	TOTAL	COLUMBIA RIVER DISTRICT	COASTAL DISTRICT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
RMEN:							
VESSELS	4,415	665	44	5,124	1,055	523	1,578
BOATS AND SHORE	2,407	3,763	946	7,116	1,848	1,630	3,478
TOTAL	6,822	4,428	990	12,240	2,903	2,153	5,056
LS, MOTOR	901	254	22	1,177	272	197	469
TONNAGE	18,988	3,437	177	22,602	5,840	2,459	8,299
:							
IOR	1,216	673	616	2,505	846	908	1,754
IER	289	249	26	564	112	73	185
SORY BOATS	239	-	-	239	15	-	15
ATUS:							
SE SEINES AND LAMPARA NETS:							
LCHARD	1/ 7	-	-	1/ 7	15	-	15
LENGTH, YARDS	3,150	-	-	3,150	6,750	-	6,750
ALMON	232	-	-	232	-	-	-
LENGTH, YARDS	145,000	-	-	145,000	-	-	-
SEINES	141	4	4	149	29	10	39
LENGTH, YARDS	13,300	400	400	14,100	9,600	1,700	11,300
NETS:							
LMON	538	576	470	1,584	880	1,009	1,889
SQUARE YARDS	861,200	671,000	1,504,000	3,036,200	2,091,400	883,000	2,974,400
RK	2,417	41	-	2,458	765	470	1,235
SQUARE YARDS	2,005,350	34,000	-	2,039,350	666,700	410,000	1,076,700
LT	-	-	6	6	73	-	73
SQUARE YARDS	-	-	2,250	2,250	27,375	-	27,375
:							
AWL, SET OR HAND	32,079	101	52	32,232	572	500	1,072
HOOKS	686,600	2,500	5,200	694,300	15,600	10,000	25,600
LL:							
SALMON	3,675	1,830	408	5,913	1,190	1,980	3,170
HOOKS	18,400	9,150	1,850	29,400	5,350	8,900	14,250
TUNA 2/	925	331	6	1,262	790	284	1,074
HOOKS	925	331	6	1,262	790	284	1,074
ND NETS	3/ 5	-	-	3/ 5	49	-	49
SH WEIRS	1	-	-	1	-	-	-
NETS	36	35	423	494	515	-	515
F NETS	92	-	-	92	-	-	-
M TRAWLS	8	-	-	8	-	-	-
ARDS AT MOUTH	75	-	-	75	-	-	-
ER TRAWLS	190	13	-	203	68	20	88
ARDS AT MOUTH	2,850	195	-	3,045	1,020	300	1,320
PS:							
RAB	21,000	22,100	-	43,100	8,450	18,600	27,050
RAWFISH	-	-	-	-	1,050	-	1,050
CTOPUS	300	-	-	300	-	-	-
HRIMP	250	-	-	250	-	-	-
DGES, OYSTER	6	45	-	51	-	4	4
ARDS AT MOUTH	12	90	-	102	-	8	8
GS AND RAKES	32	70	-	102	-	10	10
VELS	375	2,850	-	3,225	-	588	588

OOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS - Continued

ITEM	CALIFORNIA, 1947						GRA TOT VARI YEA
	NORTHERN DISTRICT	SAN FRANCISCO DISTRICT	MONTEREY DISTRICT	SAN PEDRO DISTRICT	SAN DIEGO DISTRICT	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUM
FISHERMEN:							
ON VESSELS	478	427	963	3,460	2,212	7,540	14
ON BOATS AND SHORE . . .	386	1,046	667	2,487	662	5,248	15
TOTAL.	864	1,473	1,630	5,947	2,874	12,788	30
VESSELS, MOTOR	168	122	114	561	247	1,212	2
NET TONNAGE.	2,539	1,778	4,091	16,773	17,099	42,280	73
BOATS:							
MOTOR.	292	672	242	1,298	318	2,822	7
OTHER.	-	2	-	2	-	4	
ACCESSORY BOATS.	-	16	157	419	230	822	1
APPARATUS:							
PURSE SEINES AND LAMPARA NETS:							
PILCHARD	-	4	90	170	17	281	
LENGTH, YARDS. . . .	-	1,880	39,150	82,832	9,214	133,076	142
SALMON	-	-	-	-	-	-	
LENGTH, YARDS. . . .	-	-	-	-	-	-	145
TUNA	-	-	11	145	7	163	
LENGTH, YARDS. . . .	-	-	7,304	93,196	4,095	104,595	104
OTHER.	-	13	111	76	12	212	
LENGTH, YARDS. . . .	-	2,112	19,092	23,712	3,156	48,072	48
HAUL SEINES.	-	-	-	-	-	-	
LENGTH, YARDS. . . .	-	-	-	-	-	-	25
GILL NETS:							
BARRACUDA.	-	-	-	48	32	80	
SQUARE YARDS	-	-	-	414,480	207,296	621,776	621
"CALIFORNIA HALIBUT" .	-	3	25	-	-	28	
SQUARE YARDS	-	9,600	95,350	-	-	104,950	104
SALMON	-	243	-	-	-	243	3
SQUARE YARDS	-	1,038,825	-	-	-	1,038,825	7,049
SEA BASS	-	11	11	59	17	98	
SQUARE YARDS	-	24,145	24,695	396,185	137,173	582,198	582
SHAD	-	104	-	-	-	104	
SQUARE YARDS	-	483,912	-	-	-	483,912	483
SHARK.	50	51	10	89	12	212	3
SQUARE YARDS	306,276	527,952	76,520	741,815	87,084	1,739,647	4,855
SMELT.	-	-	-	-	-	-	
SQUARE YARDS	-	-	-	-	-	-	29
CRAB	-	-	12	-	-	12	
SQUARE YARDS	-	-	34,656	-	-	34,656	34
OTHER.	18	66	32	50	7	173	
SQUARE YARDS	18,258	68,145	34,528	48,516	9,240	178,687	178
TRAMMEL NETS	-	-	-	62	27	89	
SQUARE YARDS	-	-	-	377,890	138,645	516,535	516
LINES:							
TRAWL, SET OR HAND . .	1,817	938	786	4,236	612	8,389	41
HOOKS.	163,930	47,964	67,414	84,840	12,540	376,688	1,096
TROLL:							
SALMON	2,199	1,679	686	120	11	4,695	13
HOOKS.	9,657	7,998	3,841	686	58	22,240	65
TUNA 2/.	1,359	1,777	1,420	9,539	3,645	17,740	20
HOOKS.	1,359	1,777	1,420	9,539	3,645	17,740	20
POUND NETS	-	-	-	-	-	-	
BRUSH WEIRS.	-	-	-	-	-	-	
FYKE NETS.	-	2,419	-	-	-	2,419	2
DIP NETS	24	12	-	-	-	36	1
BRAILS OR SCOOP NETS . .	2	8	6	1,566	78	1,660	1
BAG NETS, SHRIMP	-	2	-	-	-	2	
LENGTH, YARDS.	-	1,280	-	-	-	1,280	1
REEF NETS.	-	-	-	-	-	-	
BEAM TRAWLS.	-	20	-	-	-	20	
YARDS AT MOUTH	-	133	-	-	-	133	
OTTER TRAWLS	30	31	13	15	-	89	
YARDS AT MOUTH	450	451	168	210	-	1,279	5
TRAPS:							
CRAB	8,461	8,870	364	131	-	17,826	87
CRAWFISH	-	-	-	-	-	-	1
OCTOPUS.	-	-	25	-	-	25	
LOBSTER, SPINY	-	-	-	6,170	1,748	7,918	7
SHRIMP	-	-	-	-	-	-	
HARPOONS	2	3	15	128	39	187	

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS - Continued

ITEM	CALIFORNIA, 1947						GRAND TOTAL, VARIOUS YEARS
	NORTHERN DISTRICT	SAN FRANCISCO DISTRICT	MONTEREY DISTRICT	SAN PEDRO DISTRICT	SAN DIEGO DISTRICT	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TUS - CONTINUED:							
ES, OYSTER.	-	-	-	-	-	-	55
DS AT MOUTH	-	-	-	-	-	-	110
AND RAKES.	-	5	-	6	-	11	123
LS.	4	6	10	33	-	53	3,866
G OUTFITS	-	1	7	47	3	58	58

RATED IN THE PILCHARD FISHERY OF OREGON. NO PILCHARD WERE LANDED IN WASHINGTON BY PURSE SEINE VESSELS
G 1948.
A FOR WASHINGTON AND OREGON INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT
FOR SALMON. MANY OF THE SALMON TROLLERS IN THESE STATES ALSO TROLLED FOR TUNA.
HED ONLY ON INDIAN RESERVATIONS.

STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT MAKING THEIR HOME PORT IN ONE OF THE DISTRICTS
SHINGTON OR OREGON. VESSELS AS WELL AS ALL TYPES OF GEAR OPERATED, BY EACH CRAFT, HAVE BEEN CREDITED TO
DISTRICT IN WHICH EACH VESSEL MADE ITS HOME PORT (EXCEPT FOR CRAFT OPERATED EXCLUSIVELY IN ANOTHER
RICT) ALTHOUGH IN SOME INSTANCES SOME OF THE GEAR WAS OPERATED ONLY IN OTHER DISTRICTS. CRAFT WHICH DID
ISH IN THE DISTRICT IN WHICH THEIR HOME PORTS WERE LOCATED ARE CREDITED TO THE PRINCIPAL AREA IN WHICH
OPERATED.

CATCH BY STATES, 1948

SPECIES	WASHINGTON		OREGON 1/	
FISH	POUNDS	VALUE	POUNDS	VALUE
ES	112,500	$5,623	62,400	$2,806
	-	-	600	17
	6,288,500	257,825	34,300	1,405
RS:				
	12,266,600	748,254	11,694,500	627,573
	1,557,500	61,680	1,730,200	56,233
BH.	12,503,500	727,506	4,659,100	426,269
	145,300	2,301	94,600	1,400
	13,253,300	2,570,842	629,100	101,797
	475,800	19,980	117,700	4,707
	-	-	231,500	6,181
	7,559,300	1,051,036	1,054,200	128,485
EL.	1,500	75	-	-
	127,900	13,554	10,300	1,034
RD.	108,400	4,985	11,013,400	273,134
	1,271,000	11,855	-	-
ES.	10,891,000	488,479	4,694,500	193,519
SH	2,875,100	485,725	706,200	107,201
K OR KING	10,819,100	2,714,873	13,910,400	3,010,071
R KETA.	10,622,200	1,833,780	1,587,400	203,429
	1,600	196	-	-
OR SOCKEYE.	6,496,800	1,974,285	65,200	15,117
OR COHO.	10,856,900	2,641,813	3,251,500	682,135
TOTAL SALMON.	38,796,600	9,164,947	18,814,500	3,910,752
	43,200	2,742	1,143,800	72,850
	761,800	489,758	602,300	413,479
	523,600	1,274	46,000	126
CHON.	3,041,600	139,736	930,300	80,251
OR SILVER.	590,600	55,244	400	20
EAD TROUT	116,600	19,357	1,424,200	245,117
D BASS.	-	-	116,600	11,660
ON.	202,200	36,404	422,900	87,895
ND TUNALIKE FISHES:				
CORE.	4,917,400	1,517,619	7,962,400	2,408,648
JACK OR STRIPED TUNA.	-	-	1,782,500	205,266
OWFIN	-	-	7,702,900	969,071
TOTAL TUNA.	4,917,400	1,517,619	17,447,800	3,582,985
TOTAL	118,430,800	17,876,801	77,681,400	10,336,896

OTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

SPECIES	WASHINGTON		OREGON 1/	
SHELLFISH	POUNDS	VALUE	POUNDS	VALU
CRABS, DUNGENESS	22,712,500	$2,402,214	10,069,500	$1,047,
CRAWFISH, FRESH-WATER	-	-	32,300	6,
SHRIMP	42,200	11,598	-	-
CLAMS:				
HARD	257,700	76,136	-	-
RAZOR	528,700	290,782	88,900	52,
MIXED	-	-	30,300	7,
TOTAL CLAMS	786,400	366,918	119,200	60,
OCTOPUS	63,200	2,719	400	
OYSTERS, MARKET:				
PACIFIC	9,483,900	1,688,134	59,500	10,
WESTERN OR NATIVE	154,500	211,627	-	-
TOTAL OYSTERS	9,638,400	1,899,761	59,500	10,
SCALLOPS, BAY	17,900	12,669	-	-
SQUID	2,300	189	-	-
TOTAL	33,262,900	4,696,068	10,280,900	1,124,
GRAND TOTAL	151,693,700	22,572,869	87,962,300	11,461,

SPECIES	CALIFORNIA 1/		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	10,835,900	$347,927	11,010,800	$356,
BARRACUDA	2,125,700	329,648	2,125,700	329,
CABEZONE	8,200	382	8,200	
CABRILLA	230,700	34,355	230,700	34,
CARP	420,600	22,134	421,200	22,
CATFISH	274,700	49,494	274,700	49,
COD	-	-	6,322,800	259,
FLOUNDERS:				
"CALIFORNIA HALIBUT"	1,312,500	268,738	1,312,500	268,
"SOLE"	21,654,900	1,138,725	45,616,000	2,514,
OTHER	1,324,600	68,560	4,612,300	186,
FLYINGFISH	71,000	5,265	71,000	5,
GRAYFISH	-	-	17,162,600	1,153,
GROUPER	355,300	59,845	355,300	59,
HAKE	5,100	383	245,000	4,
HALIBUT	124,000	24,379	14,006,400	2,697,
HARDHEAD	24,400	7,123	24,400	7,
HERRING	8,000,500	156,356	8,594,000	181,
JACK MACKEREL	72,898,300	2,136,341	72,898,300	2,136,
KINGFISH	643,100	37,563	643,100	37,
LAMPREY	-	-	231,500	6,
LINGCOD	2,055,500	172,128	10,669,000	1,351,
MACKEREL	39,385,800	1,380,584	39,387,300	1,380,
MULLET	45,400	4,334	45,400	4,
PERCH	305,200	47,427	443,400	62,
PILCHARD	362,037,100	10,732,237	373,158,900	11,010,
POMPANO	160,600	42,807	160,600	42,
RATFISH	-	-	1,271,000	11,
ROCK BASS	164,300	23,623	164,300	23,
ROCKFISHES	6,507,200	393,187	22,092,700	1,075,
SABLEFISH	2,068,400	174,999	5,649,700	767,
SALMON:				
CHINOOK OR KING	2/ 7,769,200	2/ 2,009,401	32,498,700	7.734,
CHUM OR KETA	-	-	12,209,600	2,037,
PINK	-	-	1,600	
RED OR SOCKEYE	-	-	6,562,000	1,989,
SILVER OR COHO	-	-	14,108,400	3,323,
TOTAL SALMON	7,769,200	2,009,401	65,380,300	15,085,
SCULPIN	155,100	26,716	155,100	26,
SEA BASS:				
BLACK	188,000	30,683	188,000	30,
WHITE	1,114,300	267,804	1,114,300	267,
SHAD	426,500	27,191	1,613,500	102,
SHARKS	3/ 2,480,600	3/ 1,051,306	3,844,700	1,954,
SHEEPSHEAD	100,200	8,353	100,200	8,
SKATE	119,100	2,597	688,700	3,
SMELT:				
EULACHON	-	-	3,971,900	219,
SURF OR SILVER	782,100	53,197	1,373,100	108,

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1948 - Continued

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
SPANISH MACKEREL.	24,500	$1,720	24,500	$1,720
SPLITTAIL	1,400	108	1,400	108
STEELHEAD TROUT	-	-	1,540,800	264,474
STRIPED BASS.	-	-	116,600	11,660
STURGEON.	-	-	625,100	124,299
SUCKERS	2,200	66	2,200	66
SWORDFISH	1,113,800	354,670	1,113,800	354,670
TUNA AND TUNALIKE FISHES:				
ALBACORE.	36,481,000	10,700,557	49,360,800	14,626,824
BLUEFIN	6,528,800	1,096,378	6,528,800	1,096,378
BONITO.	9,135,100	1,061,578	9,135,100	1,061,578
SKIPJACK OR STRIPED TUNA. . .	58,771,700	9,328,746	60,554,200	9,534,012
YELLOWFIN	191,723,800	32,436,867	199,426,700	33,405,938
TOTAL TUNA.	302,640,400	54,624,126	325,005,600	59,724,730
WHITEBAIT	222,500	24,225	222,500	24,225
WHITEFISH	41,900	4,558	41,900	4,558
YELLOWTAIL.	10,445,700	1,162,721	10,445,700	1,162,721
UNCLASSIFIED.	208,200	10,691	208,200	10,691
TOTAL	860,874,700	77,318,677	1,056,986,900	105,532,374
SHELLFISH				
CRABS:				
DUNGENESS	11,818,300	1,251,908	44,600,300	4,701,350
ROCK.	20,900	2,115	20,900	2,115
CRAWFISH, FRESH-WATER	-	-	32,300	6,451
LOBSTER, SPINY.	563,500	229,104	563,500	229,104
SHRIMP.	930,800	58,271	973,000	69,869
ABALONE	645,700	370,900	645,700	370,900
CLAMS:				
HARD.	16,500	12,808	274,200	88,944
RAZOR	-	-	617,600	343,699
SOFT.	400	126	400	126
MIXED	-	-	30,300	7,587
TOTAL CLAMS	16,900	12,934	922,500	440,356
MUSSELS	500	150	500	150
OCTOPUS	120,700	9,439	184,300	12,173
OYSTERS, MARKET:				
EASTERN	46,400	51,633	46,400	51,633
PACIFIC	20,000	11,729	9,563,400	1,710,579
WESTERN OR NATIVE	-	-	154,500	211,627
TOTAL OYSTERS	66,400	63,362	9,764,300	1,973,839
SCALLOPS, BAY	-	-	17,900	12,669
SQUID	19,255,700	518,167	19,258,000	518,356
TOTAL	33,439,400	2,516,350	76,983,200	8,337,332
WHALE PRODUCTS				
MEAL.	238,000	7,720	238,000	7,720
OIL:				
WHALE	413,300	61,719	413,300	61,719
SPERM	467,500	66,071	467,500	66,071
OTHER	59,600	12,935	59,600	12,935
TOTAL	1,178,400	148,445	1,178,400	148,445
GRAND TOTAL	895,492,500	79,983,472	1,135,148,500	114,018,151

/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA.

2/ MAY INCLUDE SOME SILVER SALMON.

3/ INCLUDES GRAYFISH.

OTE:--PRIOR TO 1941, THE POUNDAGE OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES REPORTED FOR WASHINGTON AND OREGON REPRESENTED THE DRESSED WEIGHT OF THE FISH LANDED. BEGINNING WITH THE DATA FOR 1941, ALL CATCH STATISTICS ARE SHOWN IN ROUND WEIGHTS. THE LANDED WEIGHT OF LINGCOD, SABLEFISH, AND ROCKFISHES (EXCEPT IN THE OTTER TRAWL FISHERIES IN WHICH THE FISH ARE LANDED ROUND) WAS CONVERTED TO ROUND WEIGHT BY MULTIPLYING THE DRESSED WEIGHT BY THE FACTOR 1.43. THE FACTOR USED TO CONVERT HALIBUT FROM MARKETED WEIGHT WAS 1.33. THE POUNDAGE AND VALUE OF THE CATCH SHOWN FOR WASHINGTON AND OREGON INCLUDE 3,654,859 POUNDS OF FISH LIVERS AND VISCERA, VALUED AT $3,520,030 TO THE FISHERMEN. COMPRISING THIS TOTAL WERE: COD LIVERS, 69,005 POUNDS, $4,819; GRAYFISH LIVERS, 2,059,494 POUNDS, $1,166,210; HAKE LIVERS, 7,565 POUNDS, $3,661; HALIBUT LIVERS, 185,720 POUNDS, $320,045; LINGCOD LIVERS, 199,223 POUNDS, $599,208; RATFISH LIVERS, 51,286 POUNDS, $2,564; ROCKFISH LIVERS, 11,951 POUNDS, $11,546; SABLEFISH LIVERS, 92,197 POUNDS, $165,955; SKATE LIVERS, 19,757 POUNDS, $1,014; SOUPFIN SHARK LIVERS, 128,246 POUNDS, $893,848; OTHER SHARK LIVERS, 124,350 POUNDS, $9,093, AND HALIBUT, LINGCOD, SABLEFISH VISCERA, 706,065 POUNDS, $342,067. SIMILAR DATA FOR CALIFORNIA ARE NOT AVAILABLE. MOST OF THE CARCASSES OF DOGFISH AND SOUPFIN SHARK WERE NOT LANDED, BUT WERE DISCARDED AT SEA AFTER REMOVAL OF THE LIVERS. A PORTION OF THE TUNA CATCH TAKEN OFF LATIN AMERICA BY UNITED STATES FISHERMEN, WHICH IS INCLUDED IN THIS TABLE, MAY BE INCLUDED IN U. S. IMPORT STATISTICS.

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/

ITEM			WASHINGTON		OREGON		CALIFORNIA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:								
ANCHOVIES:								
CANNED.	1948	STD.CASES	-	-	-	-	66,994	$755,458
MEAL.	1948	TONS	-	-	-	-	163	21,517
OIL	1948	GALLONS	-	-	-	-	15,407	15,320
BARRACUDA:								
SALTED, DRY	1940	POUNDS	-	-	-	-	19,465	2,433
SMOKED.	1940	DO	-	-	-	-	1,000	200
CHUB, SMOKED.	1940	DO	-	-	-	-	40,000	18,000
COD:								
FRESH AND FROZEN FILLETS	1948	DO	1,370,250	$257,793	5,660	$1,153	-	-
SALTED:								
DRY	1940	DO	2,163,507	168,444	-	-	357,010	50,764
BONELESS AND ABSOLUTELY BONELESS	1940	DO	665,518	106,215	-	-	318,018	65,489
FLOUNDERS:								
FRESH FILLETS . . .	1948	DO	2,340,086	661,756	315,560	89,769	57,480	20,692
FROZEN FILLETS. . .	1948	DO	2,091,575	636,786	2,525,681	825,942	961,585	301,032
HALIBUT:								
FRESH FILLETS AND STEAKS.	1948	DO	29,283	10,349	2,618	987	-	-
FROZEN FILLETS AND STEAKS.	1948	DO	3,008,520	1,220,174	76,444	27,825	81,369	34,368
HERRING:								
CANNED.	1948	STD.CASES	-	-	-	-	46,060	386,806
SPICED.	1940	POUNDS	18,890	2,614	-	-	-	-
SMOKED BLOATERS . .	1940	DO	66,000	5,359	-	-	4,406	660
MEAL.	1948	TONS	-	-	-	-	120	16,464
OIL	1948	GALLONS	-	-	-	-	5,769	5,887
JEWFISH FILLETS, DRY SALTED.	1940	POUNDS	-	-	-	-	8,857	1,107
LINGCOD:								
FRESH FILLETS AND STEAKS.	1948	DO	533,727	104,342	31,394	6,199	-	-
FROZEN FILLETS AND STEAKS.	1948	DO	1,027,213	201,125	158,600	31,176	-	-
MACKEREL:								
CANNED.	1948	STD.CASES	-	-	-	-	1,018,973	7,541,931
SALTED, DRY	1940	POUNDS	-	-	-	-	8,548	598
PILCHARDS:								
CANNED.	1948	STD.CASES	-	-	27,770	301,214	2,626,379	21,591,679
SALTED, DRY	1940	POUNDS	-	-	-	-	9,683	968
MEAL.	1948	TONS	-	-	843	106,602	18,233	2,508,014
OIL	1948	GALLONS	-	-	106,041	112,470	2,222,531	2,345,388
ROCKFISHES:								
FRESH FILLETS . . .	1948	POUNDS	1,939,825	349,287	448,122	79,622	-	-
FROZEN FILLETS. . .	1948	DO	1,524,692	279,220	516,345	99,955	469,995	86,428
SABLEFISH:								
FILLETS AND STEAKS, FRESH AND FROZEN.	1948	DO	64,974	13,457	7,012	1,341	-	-
SALTED.	1940	DO	58,090	3,281	-	-	-	-
KIPPERED.	1940	DO	223,373	37,855	-	-	390,496	80,116
SALMON:								
FILLETS AND STEAKS, FRESH AND FROZEN.	1948	DO	1,564,777	711,946	80,913	35,482	270,703	94,301
CANNED:								
CHINOOK OR KING .	1948	STD.CASES	44,771	1,341,157	229,078	8,489,901	11,417	366,095
CHUM OR KETA. . .	1948	DO	253,353	4,875,893	22,805	443,584	-	-
PINK.	1948	DO	4,480	116,651	-	-	-	
RED OR SOCKEYE. .	1948	DO	96,658	4,026,738	1,249	55,947	-	-
SILVER OR COHO. .	1948	DO	84,840	2,325,419	40,807	1,294,838	-	-
STEELHEAD	1948	DO	-	-	20,617	672,243	-	-
TOTAL CANNED SALMON	-	DO	484,102	12,685,858	314,556	10,956,513	11,417	366,095
EGGS FOR BAIT . .	1948	STD.CASES	7,497	158,956	(2)	(2)	-	
SALTED:								
MILD CURED. . . .	1940	POUNDS	3,414,675	707,633	27,225	5,296	848,610	173,412
HARD SALTED . . .	1940	DO	-	-	-	-	28,000	4,200
BELLIES	1940	DO	7,600	520	-	-	-	-
EGGS FOR CAVIAR .	1940	DO	291,518	26,856	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

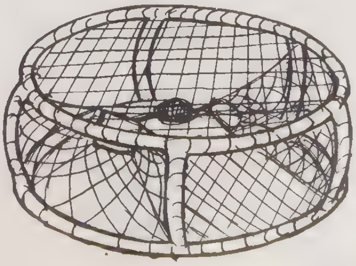
(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/ - Continued

ITEM			WASHINGTON		OREGON		CALIFORNIA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS - CONTINUED:								
SALMON, CONTINUED:								
SMOKED.	1940	POUNDS	400,249	$66,464	41,012	$12,853	362,039	$148,388
KIPPERED.	1940	DO	1,118,013	224,380	62,270	7,771	2.000	560
OIL, EDIBLE	1948	GALLONS	(2)	(2)	22,065	77,228	(2)	(2)
SEA BASS, DRY SALTED.	1940	POUNDS	-	-	-	-	11,531	1,441
SHAD AND SHAD ROE . .	1948	STD.CASES	512	4,490	11,173	219,397	2,632	29,228
SHARK LIVER OIL . . .	1948	GALLONS	195,946	2,151,511	-	-	127,134	3,745,928
STURGEON, KIPPERED. .	1940	POUNDS	-	-	1,588	349	-	-
STURGEON ROE, SALTED.	1940	DO	60	120	-	-	-	-
TUNA AND TUNALIKE FISHES:								
CANNED SOLID, FLAKES AND GRATED:								
ALBACORE.	1948	STD.CASES	3/90,253	3/1,643,697	3/352,908	3/6,938,526	879,814	16,366,937
YELLOWFIN	1948	DO	-	-	126,341	2,090,436	3,891,612	60,262,399
BLUEFIN	1948	DO	-	-	-	-	148,778	2,378,079
SKIPJACK.	1948	DO	(3)	(3)	(3)	(3)	1,026,706	15,905,662
BONITO.	1948	DO	-	-	-	-	185,363	2,392,346
YELLOWTAIL. . . .	1948	DO	-	-	-	-	188,776	2,238,982
TONNO	1948	DO	-	-	-	-	89,167	1,542,508
MIXED SPECIES . .	1948	DO	-	-	3,388	53,361	27,780	437,075
TOTAL CANNED TUNA	-	DO	90,253	1,643,697	482,637	9,082,323	6,437,996	101,523,988
DRY, SALTED	1940	POUNDS	-	-	-	-	140,828	17,513
KIPPERED.	1940	DO	-	-	818	164	-	-
WHALE:								
MEAL:								
BONE.	1948	TONS	-	-	-	-	60	3,000
MEAT.	1948	DO	-	-	-	-	409	40,900
OIL:								
SPERM	1948	GALLONS	-	-	-	-	62,332	66,071
OTHER	1948	DO	-	-	-	-	55,107	61,719
WHITEFISH, SMOKED . .	1940	POUNDS	-	-	-	-	7,000	3,150
ABALONE STEAKS. . . .	1940	DO	-	-	-	-	333,991	126,716
CLAMS:								
RAZOR, CANNED, MINCED	1948	STD.CASES	9,393	161,312	-	-	-	-
HARD:								
CANNED:								
WHOLE AND MINCED	1948	DO	9,679	108,684	-	-	-	-
NECTAR.	1948	DO	2,100	6,856	-	-	-	-
FRESH-SHUCKED . .	1940	GALLONS	2,406	3,580	-	-	-	-
CRABS, DUNGENESS:								
CANNED.	1948	STD.CASES	104,362	2,295,905	55,442	1,302,929	(2)	(2)
MEAT, FRESH-COOKED.	1940	POUNDS	337,351	119,320	939,695	254,170	103,272	38,947
OYSTERS:								
CANNED:								
NATURAL	1948	STD.CASES	83,060	1,288,915	(2)	(2)	-	-
SMOKED.	1948	DO	1,022	80,054	-	-	-	-
COCKTAILS, SPREAD AND STEW. . . .	1948	DO	1,954	38,930	-	-	-	-
FRESH-SHUCKED:								
EASTERN	1940	GALLONS	-	-	154	385	-	-
PACIFIC	1940	DO	344,755	430,408	114,970	138,669	18,677	30,584
WESTERN OR NATIVE	1940	DO	14,667	109,264	9,322	68,920	4,178	37,602
OYSTER SHELL PRODUCTS:								
GRIT.	1948	TONS	3,056	47,155	(2)	(2)	(2)	(2)
LIME, UNBURNED. . .	1948	DO	940	7,552	(2)	(2)	(2)	(2)
SCALLOPS, BAY, FRESH-SHUCKED . . .	1940	GALLONS	1,860	5,580	-	-	-	-
SQUID, CANNED	1948	STD.CASES	-	-	-	-	349,799	1,373,810
ANIMAL FOOD	1948	DO	(2)	(2)	-	-	761,560	4,081,867

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)



PACIFIC COAST CRAB POT

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS [1] - Continued

ITEM		WASHINGTON			OREGON		CALIFORNIA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS								
FISH SOLUBLES. . . .	1948	POUNDS	-	-	(2)	(2)	27,823,340	$1,239,754
MISCELLANEOUS CANNED 4/ . . .	1948	STD.CASES	5,333	$24,043	1,282	$64,593	14,488	225,730
MISCELLANEOUS BYPRODUCTS 5/ . .	1948	-	-	4,250,200	-	404,506	-	8,536,142
MISCELLANEOUS PACKAGED FISH, FRESH OR FROZEN 6/. . . .	1948	POUNDS	4,297	430	5,176	3,338	1,270,751	270,733
TOTAL MANUFACTURING ESTABLISHMENT PRODUCTION.			-	13,418,676	-	24,319,141	-	158,093,098
BY FISHERMEN:								
COD, SALTED								
GREEN 7/	1940	POUNDS	3,202,700	136,115	-	-	-	-
TONGUES.	1940	DO	44,395	4,763	-	-	-	-
HERRING, SEA, SMOKED	1940	DO	-	-	-	-	37,000	3,700
SABLEFISH, SALTED. .	1940	DO	122,200	6,721	-	-	-	-
CLAMS, MIXED, FRESH-SHUCKED.	1940	GALLONS	-	-	1,193	1,551	-	-
CRAB MEAT, PACKAGED, FRESH-COOKED . . .	1940	POUNDS	-	-	5,176	1,553	-	-
SCALLOPS, BAY, FRESH-SHUCKED.	1940	GALLONS	553	1,245	-	-	-	-
SHRIMP:								
BRAN	1940	TONS	-	-	-	-	131	2,620
SUNDRIED	1940	POUNDS	-	-	-	-	138,722	34,680
TOTAL FISHERMEN'S PREPARED PRODUCTS	-	-	-	148,844	-	3,104	-	41,000
GRAND TOTAL	-	-	-	31,567,520	-	24,322,245	-	158,134,098

1/ DATA ON THE PRODUCTION OF THE VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

2/ INCLUDED WITH MISCELLANEOUS PRODUCTS.

3/ SMALL QUANTITIES OF SKIPJACK HAVE BEEN INCLUDED WITH ALBACORE.

4/ MISCELLANEOUS CANNED IN WASHINGTON INCLUDES SMOKED SALMON; STURGEON, SMOKED AND KIPPERED; ANIMAL FOOD; CRAB AND SHRIMP COCKTAILS; IN OREGON, SHAD; STURGEON, AND STEELHEAD, SMOKED; STURGEON, KIPPERED; SALMON EGGS FOR BAIT; AND OYSTERS; IN CALIFORNIA, SPANISH MACKEREL; SABLEFISH, KIPPERED; FISH CAKES; FISH PASTE; SHRIMP; AND DUNGENESS CRAB.

5/ MISCELLANEOUS BYPRODUCTS IN WASHINGTON INCLUDE OIL FROM SALMON, TUNA, AND MISCELLANEOUS SPECIES; LIVER OIL FROM TUNA AND MISCELLANEOUS SPECIES; VISCERA OIL; MEAL AND SCRAP FROM SALMON, CRAB, AND UNCLASSIFIED SPECIES; CLAM SHELL GRIT AND LIME; IN OREGON, OIL FROM TUNA, MACKEREL, AND MISCELLANEOUS SPECIES; LIVER OIL FROM SHARK AND MISCELLANEOUS SPECIES; MEAL AND SCRAP FROM TUNA, MACKEREL, AND MISCELLANEOUS SPECIES; OYSTER SHELL LIME AND GRIT; FISH SOLUBLES; IN CALIFORNIA, OIL FROM SALMON, TUNA, AND MACKEREL; LIVER OIL FROM HALIBUT, TUNA AND MIXED SPECIES; MEAL AND SCRAP FROM MACKEREL, SALMON, SHARK, TUNA, AND MISCELLANEOUS SPECIES; OYSTER SHELL GRIT AND LIME, AGAR-AGAR, BAIT, GLUE, KELP PRODUCTS.

6/ MISCELLANEOUS PACKAGED FISH INCLUDES KINGFISH, PERCH, SEA BASS, SMELTS, SPANISH MACKEREL, STURGEON, WHITEBAIT AND UNCLASSIFIED FILLETS AND STEAKS.

7/ THIS ITEM IS USUALLY AN INTERMEDIATE PRODUCT AND ALTHOUGH INCLUDED IN THE TOTAL, MAY BE SHOWN IN ITS FINAL STAGE OF PROCESSING IN THIS OR ANOTHER STATE.

NOTE: SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

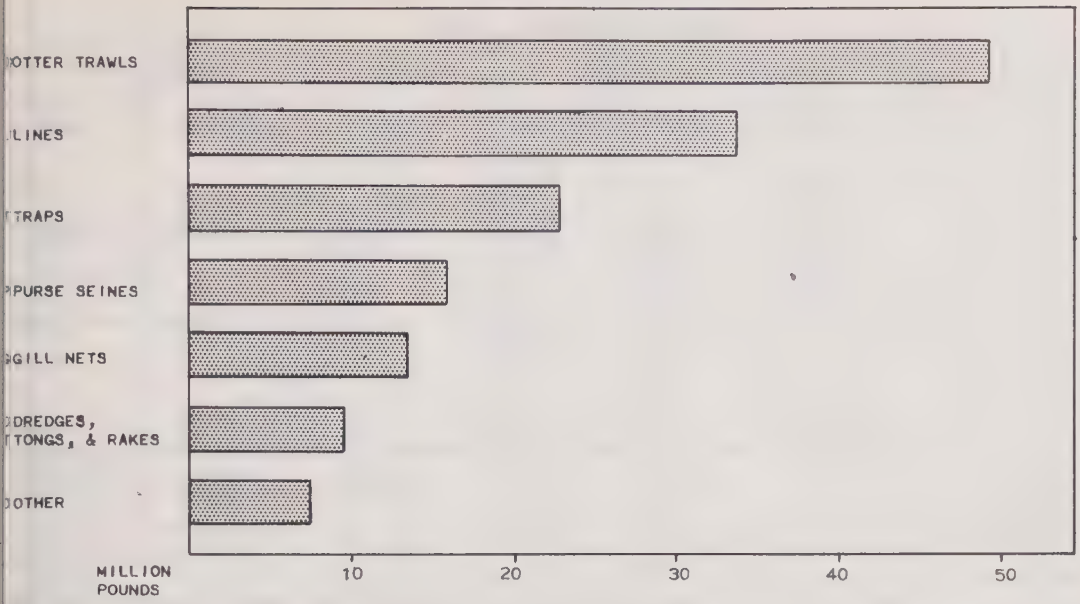
SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE	VALUE	VALUE	VALUE
WASHINGTON	$31,318,676	$148,844	$31,567,520
OREGON	24,319,141	3,104	24,322,245
CALIFORNIA	158,093,098	41,000	158,134,098
TOTAL.	213,830,915	192,948	214,023,863

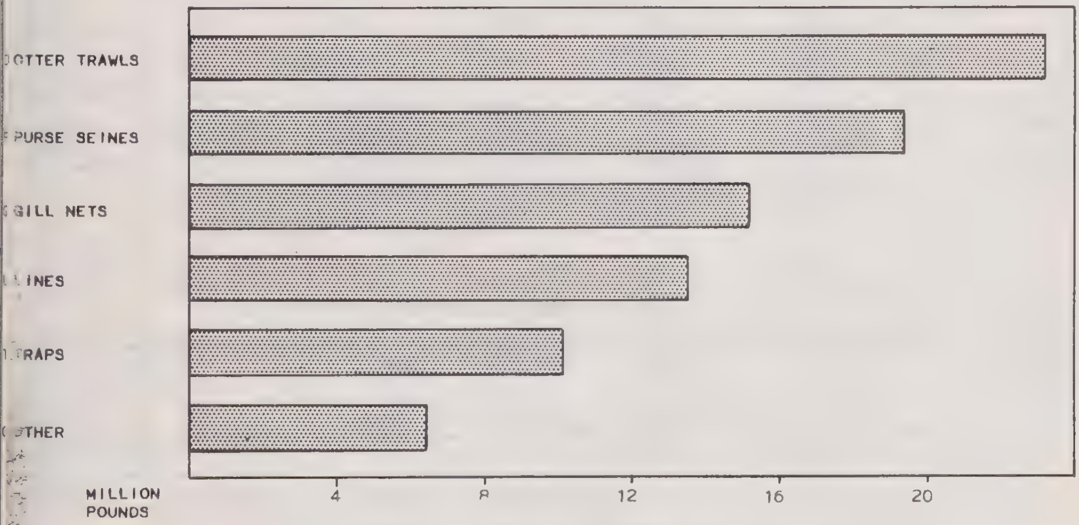
SUMMARY OF ITEMS:

ITEM	YEAR	UNIT	QUANTITY	VALUE
PACKAGED FISH, FRESH AND FROZEN .	1948	POUNDS	22,784,627	$6,457,008
CANNED FISH AND SHELLFISH	1948	STANDARD CASES	13,028,425	178,301,261
BYPRODUCTS.	1948	-	-	25,763,328
BYPRODUCTS (BY FISHERMEN). . . .	1940	-	-	2,620
PACKAGED SHELLFISH.	1940	POUNDS	6,205,916	1,368,494
SALTED, DRIED AND PICKLED	1940	DO	11,886,760	1,518,569
SMOKED AND KIPPERED	1940	DO	2,776,154	612,583
TOTAL	-	-	-	214,023,863

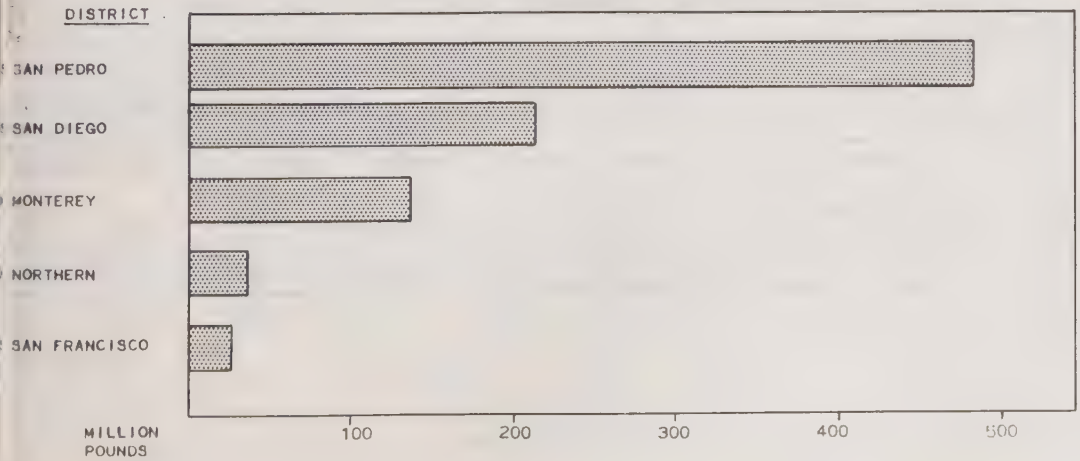
WASHINGTON: CATCH BY GEAR, 1948



OREGON: CATCH BY GEAR, 1948



CALIFORNIA: CATCH BY DISTRICTS, 1948



WASHINGTON

CATCH BY DISTRICTS, 1948

SPECIES	PUGET SOUND DISTRICT		COASTAL DISTRICT		COLUMBIA RIVER DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	112,500	$5,623	-	-
COD	6,156,700	$252,422	131,800	5,403	-	-
FLOUNDERS:						
SOLE	11,504,300	701,758	762,300	46,496	-	-
OTHER	1,468,100	58,723	72,300	2,530	17,100	$427
GRAYFISH	12,302,700	711,125	200,800	16,381	-	-
HAKE	145,300	2,301	-	-	-	-
HALIBUT	13,247,900	2,569,918	5,400	924	-	-
HERRING	472,000	19,820	3,800	160	-	-
LINGCOD	7,166,200	999,905	364,900	47,037	28,200	4,094
MACKEREL	-	-	1,500	75	-	-
PERCH	126,700	13,433	1,200	121	-	-
PILCHARD OR SARDINE	108,400	4,985	-	-	-	-
RATFISH	1,271,000	11,855	-	-	-	-
ROCKFISHES	10,200,900	467,543	655,400	19,895	34,700	1,041
SABLEFISH	2,863,500	484,407	11,600	1,318	-	-
SALMON:						
CHINOOK OR KING	3,402,400	978,080	2,399,800	663,037	5,016,900	1,073,756
CHUM OR KETA	9,094,400	1,635,524	1,147,200	152,585	380,600	45,671
PINK	1,600	196	-	-	-	-
RED OR SOCKEYE	6,135,400	1,846,748	330,900	120,463	30,500	7,074
SILVER OR COHO	5,912,100	1,488,149	3,639,300	882,018	1,305,500	271,646
TOTAL SALMON	24,545,900	5,948,697	7,517,200	1,818,103	6,733,500	1,398,147
SHAD	2,400	172	-	-	40,800	2,570
SHARK:						
SOUPFIN	658,400	485,819	2,200	910	-	-
OTHER	101,200	3,029	-	-	-	-
SKATE	523,600	1,274	-	-	-	-
SMELT:						
EULACHON	-	-	-	-	3,041,600	139,736
SURF OR SILVER	251,800	26,445	338,800	28,799	-	-
STEELHEAD TROUT	-	-	44,200	7,203	72,400	12,154
STURGEON	30,700	4,172	20,500	1,834	151,000	30,398
TUNA, ALBACORE	644,200	202,918	3,786,100	1,166,131	487,100	148,570
CRABS	1,933,400	220,411	20,779,100	2,181,803	-	-
SHRIMP	42,200	11,598	-	-	-	-
SQUID	2,300	189	-	-	-	-
CLAMS:						
HARD:						
BUTTER	29,600	7,706	-	-	-	-
LITTLE NECK	228,100	68,430	-	-	-	-
RAZOR	-	-	528,700	290,782	-	-
OCTOPUS	63,200	2,719	-	-	-	-
OYSTERS, MARKET:						
PACIFIC	2,156,400	383,846	7,327,500	1,304,288	-	-
WESTERN OR NATIVE	154,500	211,627	-	-	-	-
TOTAL OYSTERS	2,310,900	595,473	7,327,500	1,304,288	-	-
SCALLOPS, BAY	17,900	12,669	-	-	-	-
TOTAL	98,419,500	13,889,916	42,667,800	6,945,816	10,606,400	1,737,137

PUGET SOUND DISTRICT OF WASHINGTON: OPERATING UNITS, 1948 1/

ITEM	PURSE SEINES		HAUL SEINES	GILL NETS			LINES	
				SALMON		SHARK	TRAWL, SET AND HAND	TROLL
	SALMON	PILCHARD 2/		DRIFT	SET 3/			SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	1,878	82	-	71	-	434	1,231	696
ON BOATS AND SHORE	16	-	357	504	53	158	142	510
TOTAL	1,894	82	357	575	53	592	1,373	1,206
VESSELS, MOTOR	229	7	-	43	-	90	192	356
NET TONNAGE	5,433	450	-	339	-	2,077	5,780	3,996
BOATS:								
MOTOR	3	-	103	418	35	143	95	385
OTHER	-	-	38	24	18	3	15	-
ACCESSORY BOATS	232	7	-	-	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 1/ - Continued

ITEM	PURSE SEINES		HAUL SEINES	GILL NETS			LINES	
				SALMON		SHARK	TRAWL, SET AND HAND	TROLL
	SALMON	PILCHARD 2/		DRIFT	SET 3/			SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
APPARATUS, CONTINUED:								
NUMBER.	232	7	141	485	53	2,417	32,079	3,675
LENGTH, YARDS . . .	145,000	3,150	13,300	-	-	-	-	-
SQUARE YARDS. . . .	-	-	-	848,700	12,500	2,005,350	-	-
HOOKS	-	-	-	-	-	-	686,600	18,400

ITEM	LINES - CONTINUED TROLL - CONTINUED TUNA 3/	POUND NETS 4/	BRUSH WEIRS	DIP NETS	REEF NETS	BEAM TRAWLS	OTTER TRAWLS	TRAPS CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	760	-	-	-	-	11	808	52
ON BOATS AND SHORE.	-	17	4	36	368	7	6	197
TOTAL	760	17	4	36	368	18	814	249
VESSELS, MOTOR. . . .	143	-	-	-	-	4	188	21
NET TONNAGE	4.485	-	-	-	-	54	6,075	307
BOATS:								
MOTOR	-	5	1	12	-	4	2	184
OTHER	-	-	-	5	184	-	-	4
APPARATUS:								
NUMBER.	925	5	1	36	92	8	190	21,000
YARDS AT MOUTH. . .	-	-	-	-	-	75	2,850	-
HOOKS	925	-	-	-	-	-	-	-

ITEM	TRAPS - CONTINUED		TONGS AND BY HAND, OYSTER	DREDGES, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	OCTOPUS	SHRIMP				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	2	-	-	6	-	4,415
ON BOATS AND SHORE.	4	8	115	2	375	2,407
TOTAL	6	8	115	8	375	6,822
VESSELS, MOTOR. . . .	1	-	-	2	-	901
NET TONNAGE	13	-	-	45	-	18,988
BOATS:						
MOTOR	4	8	24	1	-	1,216
OTHER	-	-	8	-	-	289
ACCESSORY BOATS . . .	-	-	-	-	-	239
APPARATUS:						
NUMBER.	300	250	32	6	375	-
YARDS AT MOUTH. . .	-	-	-	12	-	-

1/ STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT WHOSE HOME PORT IS IN THE PUGET SOUND DISTRICT. ALL TYPES OF FISHING GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN, AND GEAR OPERATED IN THE PUGET SOUND DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED ONLY IN PUGET SOUND.

2/ ALL OF THE VESSELS OPERATING SARDINE PURSE SEINES OPERATED FROM THE COLUMBIA RIVER DISTRICT OF OREGON.

3/ INCLUDES ONLY VESSELS THAT TROLLED OR FISHED ONLY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

4/ FISHED ONLY ON INDIAN RESERVATIONS.

PUGET SOUND DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948

SPECIES	PURSE SEINES		HAUL SEINES 1/	
	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	100	$4
FLOUNDERS:				
SOLE.	200	$10	700	40
OTHER	900	37	3,300	132
GRAYFISH 2/	1,200	67	2,600	149

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948 - Continued

SPECIES	PURSE SEINES		HAUL SEINES 1/	
	POUNDS	VALUE	POUNDS	VALUE
HERRING	-	-	63,000	$2,645
LINGCOD	1,300	$65	1,000	49
PERCH	-	-	121,200	12,851
PILCHARD OR SARDINE	-	-	108,400	4,985
ROCKFISHES	-	-	5,300	240
SALMON:				
CHINOOK OR KING	348,900	60,362	7,800	1,358
CHUM OR KETA	7,817,800	1,399,388	39,000	6,987
PINK	700	87	-	-
RED OR SOCKEYE	5,244,300	1,578,541	-	-
SILVER OR COHO	2,178,900	485,893	28,000	6,236
TOTAL SALMON	15,590,600	3,524,271	74,800	14,581
SMELT, SURF OR SILVER	-	-	251,300	26,387
SQUID	-	-	1,900	158
OCTOPUS	200	9	1,600	68
TOTAL	15,594,400	3,524,459	635,200	62,289

SPECIES	GILL NETS						LINES	
	SALMON				SHARKS		TRAWL, SET AND HAND	
	DRIFT		SET					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	1,900	$78	1,600	$66
FLOUNDERS:								
SOLE	-	-	-	-	8,400	515	7,600	462
OTHER	300	$11	-	-	-	-	-	-
GRAYFISH 2/	292,700	16,920	-	-	1,765,300	102,033	885,200	51,200
HAKE	-	-	-	-	4,000	40	-	-
HALIBUT	-	-	-	-	-	-	13,073,400	2,540,247
LINGCOD	900	46	-	-	83,800	13,741	1,005,100	164,831
PERCH	-	-	-	-	-	-	200	22
RATFISH	3,300	24	-	-	25,500	191	2,900	22
ROCKFISHES	300	12	-	-	33,000	1,813	398,400	25,897
SABLEFISH	-	-	-	-	900	150	2,491,800	441,047
SALMON:								
CHINOOK OR KING	525,300	149,705	600	$112	-	-	-	-
CHUM OR KETA	951,400	177,913	160,600	28,747	-	-	-	-
PINK	100	17	-	-	-	-	-	-
RED OR SOCKEYE	437,800	131,765	-	-	-	-	-	-
SILVER OR COHO	1,071,600	279,692	52,600	11,739	-	-	-	-
TOTAL SALMON	2,986,200	739,092	213,800	40,598	-	-	-	-
SHAD	700	52	-	-	-	-	-	-
SHARK:								
SOUPFIN 2/	-	-	-	-	564,000	416,195	27,600	20,332
OTHER 2/	300	7	-	-	43,100	1,292	1,600	46
SKATE 2/	-	-	-	-	6,600	14	14,200	29
STURGEON	-	-	-	-	1,300	175	100	16
SQUID	-	-	-	-	-	-	200	17
OCTOPUS	-	-	-	-	1,200	53	8,600	370
TOTAL	3,284,700	756,164	213,800	40,598	2,539,000	536,290	17,918,500	3,244,604

SPECIES	LINES - CONTINUED		POUND NETS 3/		BRUSH WEIRS		DIP NETS	
	TROLL							
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	500	$19	-	-	-	-	-	-
FLOUNDERS, SOLE	6,600	404	-	-	-	-	-	-
GRAYFISH 2/	25,500	1,472	-	-	-	-	-	-
HALIBUT	174,500	29,671	-	-	-	-	-	-
HERRING	-	-	-	-	396,200	$16,639	12,800	$536
LINGCOD	280,100	45,900	-	-	-	-	-	-
ROCKFISHES	40,900	2,046	-	-	-	-	-	-
SABLEFISH	19,500	3,459	-	-	-	-	-	-
SALMON:								
CHINOOK OR KING	2,422,100	749,638	66,500	$11,510	-	-	-	-
CHUM OR KETA	100	16	13,500	2,423	-	-	-	-
PINK	600	70	-	-	-	-	-	-
RED OR SOCKEYE	-	-	6,300	1,886	-	-	-	-
SILVER OR COHO	2,187,200	616,789	110,800	24,698	-	-	-	-
TOTAL SALMON	4,610,000	1,366,513	197,100	40,517	-	-	-	-

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES - CONTINUED		POUND NETS 3/		BRUSH WEIRS		DIP NETS	
	TROLL							
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
:								
UPFIN 2/	500	$387	-	-	-	-	-	-
HER 2/	1,100	32	-	-	-	-	-	-
, SURF OR SILVER	-	-	-	-	-	-	500	$58
GEON.	100	12	-	-	-	-	-	-
, ALBACORE.	644,200	202,918	-	-	-	-	-	-
MP.	-	-	-	-	-	-	500	136
PUS	3,200	139	-	-	-	-	-	-
TOTAL	5,806,700	1,652,972	197,100	$40,517	396,200	$16,639	13,800	730

SPECIES	REEF NETS		BEAM TRAWLS		OTTER TRAWLS		TRAPS	
							CRAB	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	-	-	-	-	6,152,600	$252,255	-	-
NDERS:								
LE.	-	-	-	-	11,480,800	700,327	-	-
HER	-	-	-	-	1,463,600	58,543	-	-
FISH 2/	-	-	-	-	9,330,200	539,284	-	-
	-	-	-	-	141,300	2,261	-	-
COD	-	-	-	-	5,793,900	775,268	100	$5
H	-	-	-	-	5,300	560	-	-
ISH	-	-	-	-	1,239,300	11,618	-	-
FISHES.	-	-	-	-	9,723,000	437,535	-	-
EFISH	-	-	-	-	351,300	39,751	-	-
ON:								
NOOK OR KING	31,200	$5,395	-	-	-	-	-	-
UM OR KETA.	112,000	20,050	-	-	-	-	-	-
NK.	200	22	-	-	-	-	-	-
D OR SOCKEYE.	447,000	134,556	-	-	-	-	-	-
VER OR COHO.	283,000	63,102	-	-	-	-	-	-
TOTAL SALMON.	873,400	223,125	-	-	-	-	-	-
	-	-	-	-	1,700	120	-	-
:								
PFIN 2/.	-	-	-	-	66,300	48,905	-	-
ER 2/.	-	-	-	-	55,100	1,652	-	-
2/.	-	-	-	-	502,800	1,231	-	-
EON.	-	-	-	-	29,200	3,969	-	-
4/.	-	-	-	-	-	-	1,933,400	220,411
MP.	-	-	28,500	$7,844	-	-	-	-
	-	-	-	-	200	14	-	-
US	-	-	-	-	24,000	1,032	-	-
OPS, BAY 7/.	-	-	17,900	12,669	-	-	-	-
TOTAL	873,400	223,125	46,400	20,513	46,360,600	2,874,325	1,933,500	220,416

SPECIES	TRAPS - CONTINUED				DREDGES, BY HAND, AND TONGS		SHOVELS	
	OCTOPUS		SHRIMP					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MP.	-	-	13,200	$3,618	-	-	-	-
MS, HARD: 5/								
ITTER.	-	-	-	-	-	-	29,600	$7,706
ITTLE NECK	-	-	-	-	-	-	228,100	68,430
OPUS	24,400	$1,048	-	-	-	-	-	-
TERS, MARKET: 6/								
ACIFIC	-	-	-	-	2,156,400	$383,846	-	-
ESTERN	-	-	-	-	154,500	211,627	-	-
TOTAL	24,400	1,048	13,200	3,618	2,310,900	595,473	257,700	76,136

THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN BY INDIANS ON RESERVATIONS.

CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE RCASSES WERE DISCARDED.

FISHED ONLY ON INDIAN RESERVATIONS.

THE WEIGHT OF CRABS SHOWN IS BASED ON AN AVERAGE OF 22 POUNDS PER DOZEN.

THE STATISTICS ON HARD CLAMS ARE BASED ON YIELDS OF 25 PERCENT OF EDIBLE MEAT.

THE STATISTICS ON OYSTERS ARE BASED ON 18 PERCENT EDIBLE MEATS FOR NATIVE OYSTERS AND 10 PERCENT FOR CIFIC OYSTERS.

THE WEIGHTS OF BAY SCALLOPS ARE BASED ON 8.5 POUNDS PER GALLON WHEN SHUCKED.

:--THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH EXCEPT FOR BIVALVE LLUSKS, WHICH ARE REPORTED IN POUNDS OF MEATS. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES E FOLLOWING ITEMS OF LIVERS AND VISCERA: COD LIVERS, 67,350 POUNDS, VALUE $4,710; GRAYFISH LIVERS, 1,476,306 UNDS, VALUE $708,627, HAKE LIVERS, 4,523 POUNDS, VALUE $2,261; HALIBUT LIVERS 177,304 POUNDS, VALUE $310,282; NGCOD LIVERS 165,308 POUNDS, VALUE $495,924; RATFISH LIVERS, 51,286 POUNDS, VALUE $2,564; ROCKFISH LIVERS, ,187 POUNDS, VALUE $9,187; SABLEFISH LIVERS, 74,546 POUNDS, VALUE $134,183; SKATE LIVERS, 17,918 POUNDS, VALUE 396; SOUPFIN SHARK LIVERS, 78,995 POUNDS, VALUE $485,819; OTHER SHARK LIVERS 101,032 POUNDS, VALUE $3,029, AND LIBUT, LINGCOD AND SABLEFISH VISCERA, 628,649 POUNDS, VALUE $321,056.

COASTAL DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 1/

ITEM	HAUL SEINES	GILL NETS			LINES		
		SALMON		SHARK	TROLL		SET
		DRIFT	SET 2/		SALMON	TUNA 3/	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS		22	-	5	341	158	6
ON BOATS AND SHORE	12	371	208	3	270	10	3
TOTAL.	12	393	208	8	611	168	9
VESSELS, MOTOR . . .	-	15	-	2	174	50	2
NET TONNAGE. . . .	-	125	-	33	1,689	1,233	37
BOATS:							
MOTOR.	2	343	65	2	197	4	2
OTHER.	2	25	120	-	-	-	-
APPARATUS:							
NUMBER	4	368	208	41	1,830	331	101
LENGTH, YARDS. . .	400	-	-	-	-	-	-
SQUARE YARDS . . .	-	625,500	45,500	34,000	-	-	-
HOOKS.	-	-	-	-	9,150	331	2,500

ITEM	DIP NETS	OTTER TRAWLS	TRAPS, CRAB	TONGS AND BY HAND, OYSTER	DREDGES, OYSTER 4/	SHOVELS	TOTAL, EXCLUSIVE DUPLICATIO
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	51	218	-	54	-	665
ON BOATS AND SHORE	35	-	114	170	12	2,850	3,763
TOTAL	35	51	332	170	66	2,850	4,428
VESSELS, MOTOR . . .	-	13	78	-	18	-	254
NET TONNAGE. . . .	-	326	1,053	-	320	-	3,437
BOATS:							
MOTOR.	10	-	76	52	5	-	673
OTHER.	4	-	-	103	-	-	249
APPARATUS:							
NUMBER	35	13	22,100	70	45	2,850	-
YARDS AT MOUTH . .	-	195	-	-	90	-	-

1/ FISHED ONLY ON INDIAN RESERVATIONS.

2/ STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT MAKING THEIR HOME PORT IN THE WASHINGTON COASTAL DISTRICT. ALL TYPES OF GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN AND GEAR OPERATED IN THE WASHINGTON COASTAL DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED ONLY IN THE WASHINGTON COASTAL DISTRICT.

3/ INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

4/ INCLUDES ONE SUCTION DREDGE.

COASTAL DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS			
			SALMON			
			DRIFT		SET 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES.	112,500	$5,623	-	-	-	-
FLOUNDERS, OTHER . .	-	-	-	-	300	$10
GRAYFISH 2/.	-	-	56,000	$4,569	-	-
HERRING.	3,800	160	-	-	-	-
PERCH.	700	72	-	-	-	-
SALMON:						
CHINOOK OR KING. .	-	-	271,800	57,616	266,200	56,424
CHUM OR KETA . . .	-	-	1,070,300	142,353	76,800	10,213
RED OR SOCKEYE . .	-	-	-	-	330,900	120,463
SILVER OR COHO . .	-	-	747,600	163,734	315,800	69,165
TOTAL SALMON .	-	-	2,089,700	363,703	989,700	256,265
SMELT, SURF OR SILVER	184,100	15,648	-	-	-	-
STEELHEAD TROUT. . .	-	-	-	-	44,200	7,203
STURGEON	-	-	17,600	1,583	100	9
TOTAL.	301,100	21,503	2,163,300	369,855	1,034,300	263,487

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF WASHINGTON: CATCH BY GEAR, 1948 - Continued

SPECIES	GILL NETS - CONT'D.		LINES				DIP NETS	
	SHARK		TRAWL AND SET		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	-	-	-	-	200	$7	-	-
DERS, SOLE	4,600	$278	-	-	100	5	-	-
SH 2/	9,600	780	-	-	400	35	-	-
UT	-	-	1,200	$204	4,200	720	-	-
DD	8,500	1,238	-	-	178,900	26,114	-	-
REL.	-	-	-	-	1,500	75	-	-
	-	-	-	-	-	-	500	$49
SHES.	4,000	129	-	-	112,000	3,583	-	-
FISH	1,000	118	-	-	-	-	-	-
N:								
NOOK OR KING	2,900	613	-	-	1,858,900	548,384	-	-
M OR KETA.	-	-	-	-	100	19	-	-
VER OR COHO.	-	-	-	-	2,575,900	649,119	-	-
TOTAL SALMON.	2,900	613	-	-	4,434,900	1,197,522	-	-
, SURF OR SILVER	-	-	-	-	-	-	154,700	13,151
IN SHARK 2/	1,700	692	-	-	500	218	-	-
EON.	2,200	201	-	-	100	10	-	-
ALBACORE.	-	-	-	-	3,786,100	1,166,131	-	-
TOTAL	34,500	4,049	1,200	204	8,518,900	2,394,420	155,200	13,200

SPECIES	OTTER TRAWLS		TRAPS, CRAB		DREDGES, BY HANDS AND TONGS		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
	131,600	$5,396	-	-	-	-	-	-
DERS:								
LE.	757,600	46,213	-	-	-	-	-	-
ER	72,000	2,520	-	-	-	-	-	-
FISH 2/	134,800	10,997	-	-	-	-	-	-
COD	174,600	19,553	2,900	$132	-	-	-	-
ISHES.	539,400	16,183	-	-	-	-	-	-
EFISH	10,600	1,200	-	-	-	-	-	-
EON.	500	31	-	-	-	-	-	-
B 3/.	-	-	20,779,100	2,181,803	-	-	-	-
, RAZOR 4/	-	-	-	-	-	-	528,700	$290,782
RS, MARKET, CIFIC 5/.	-	-	-	-	7,327,500	$1,304,288	-	-
TOTAL	1,821,100	102,093	20,782,000	2,181,935	7,327,500	1,304,288	528,700	290,782

ISHED ONLY ON INDIAN RESERVATIONS.
CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE
CASSES WERE DISCARDED.
HE WEIGHT OF CRABS SHOWN ABOVE IS BASED ON A WEIGHT OF 24 POUNDS PER DOZEN.
HE WEIGHT OF RAZOR CLAMS IS BASED ON A YIELD OF 42 PERCENT OF EDIBLE MEAT.
HE STATISTICS ON OYSTERS USED IN THIS TABLE ARE BASED ON YIELDS OF 12 PERCENT EDIBLE MEATS.

--THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH EXCEPT FOR BIVALVE
LUSKS, WHICH ARE REPORTED IN POUNDS OF MEATS. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES
FOLLOWING ITEMS OF LIVERS AND VISCERA: COD LIVERS, 1,280 POUNDS, VALUE $90; GRAYFISH LIVERS, 24,090
NDS, VALUE $16,381; LINGCOD LIVERS, 9,283 POUNDS, VALUE $27,849; SABLEFISH LIVERS, 128 POUNDS, VALUE
0; SOUPFIN SHARK LIVERS, 276 POUNDS, VALUE $692, AND LINGCOD VISCERA, 11,051 POUNDS, VALUE $4,420.

COLUMBIA RIVER DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 1/

ITEM	HAUL SEINES	GILL NETS		LINES			DIP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
		SALMON	SMELT	TRAWL AND SET	TROLL			
					SALMON	TUNA 2/		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HERMEN:								
N VESSELS.	-	2	-	-	44	-	-	44
N BOATS AND SHORE.	12	543	6	30	104	2	423	946
TOTAL	12	545	6	30	148	2	423	990
SELS, MOTOR.	-	1	-	-	22	-	-	22
ET TONNAGE	-	5	-	-	177	-	-	177

FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

COLUMBIA RIVER DISTRICT OF WASHINGTON: OPERATING UNITS BY GEAR, 1948 1/ - Continue

ITEM	HAUL SEINES	GILL NETS		LINES			DIP NETS	TOTAL, EXCLUSIVE DUPLICATI
		SALMON	SMELT	TRAWL AND SET	TROLL			
					SALMON	TUNA 2/		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
BOATS:								
MOTOR	4	457	6	23	69	1	172	616
OTHER	4	12	-	7	-	-	10	26
APPARATUS:								
NUMBER.	4	470	6	52	408	6	423	-
LENGTH, YARDS . . .	400	-	-	-	-	-	-	-
SQUARE YARDS. . . .	-	1,504,000	2,250	-	-	-	-	-
HOOKS	-	-	-	5,200	1,850	6	-	-

1/ STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT WHOSE HOME PORT IS IN THE COLUMBIA RIVER DISTRI OF WASHINGTON. VESSELS, FISHERMEN AND GEAR OPERATED IN THE COLUMBIA RIVER DISTRICT BUT HAVING THEIR HOME POR IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED EXCLUSIVELY IN THE COLUMBIA RIVER DISTR OF WASHINGTON.

2/ INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

COLUMBIA RIVER DISTRICT OF WASHINGTON: CATCH BY GEAR 1/

SPECIES	GILL NETS				LINES	
	SALMON, DRIFT		SMELT		TRAWL OR SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS.	17,100	$427	-	-	-	-
SALMON:						
CHINOOK OR KING.	3,442,100	719,404	-	-	-	-
CHUM OR KETA	380,500	45,656	-	-	-	-
RED OR SOCKEYE	5,600	1,296	-	-	-	-
SILVER OR COHO	252,700	50,546	-	-	-	-
TOTAL.	4,080,900	816,902	-	-	-	-
SHAD	40,000	2,521	-	-	-	-
SMELT, EULACHON.	-	-	296,200	$29,920	-	-
STEELHEAD TROUT.	49,100	8,244	-	-	-	-
STURGEON	108,500	21,799	-	-	4,500	$962
TOTAL.	4,295,600	849,893	296,200	29,920	4,500	962

SPECIES	LINES - CONTINUED		DIP NETS	
	TROLL			
	POUNDS	VALUE	POUNDS	VALUE
LINGCOD.	28,200	$4,094	-	-
ROCKFISHES	34,700	1,041	-	-
SALMON:				
CHINOOK OR KING.	434,700	116,065	1,140,100	$238,287
CHUM OR KETA	100	15	-	-
RED OR SOCKEYE	-	-	24,900	5,778
SILVER OR COHO	1,052,800	221,100	-	-
TOTAL.	1,487,600	337,180	1,165,000	244,065
SHAD	-	-	800	49
SMELT, EULACHON.	-	-	2,745,400	109,816
STEELHEAD TROUT.	-	-	23,300	3,910
STURGEON	100	20	37,900	7,617
TUNA, ALBACORE	487,100	148,570	-	-
TOTAL.	2,037,700	490,905	3,972,400	365,457

1/ THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: LINGCOD, ROCKFISHES ALBACORE TUNA AND MOST OF THE TROLL CAUGHT SALMON.

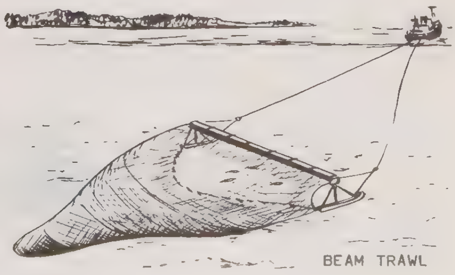
NOTE: THE QUANTITIES REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH. THE POUNDAGE AND VALUE OF THE CATCH OF LINGCOD INCLUDES 789 POUNDS OF LIVERS VALUED AT $2,367.

OREGON

CATCH BY DISTRICTS, 1948

SPECIES	COLUMBIA RIVER DISTRICT		COASTAL DISTRICT	
FISH	POUNDS	VALUE	POUNDS	VALUE
CHOVIES	-	-	62,400	$2,806
RP	600	$17	-	-
D, TRUE	34,300	1,405	-	-
OUNDERS:				
SOLE	9,695,200	523,574	1,999,300	103,999
OTHER	1,497,500	49,477	232,700	6,756
AYFISH	4,335,700	396,103	323,400	30,166
KE	50,100	744	44,500	656
LIBUT	463,900	72,325	165,200	29,472
RRING	-	-	117,700	4,707
MPREY	231,500	6,181	-	-
NGCOD	689,400	87,209	364,800	41,276
RCH	-	-	10,300	1,034
LCHARD	11,013,000	273,122	400	12
CKFISHES	3,817,800	151,768	876,700	41,751
BLEFISH	248,500	33,584	457,700	73,617
LMON:				
CHINOOK OR KING	12,574,200	2,659,346	1,336,200	350,725
CHUM OR KETA	664,100	79,701	923,300	123,728
RED OR SOCKEYE	65,200	15,117	-	-
SILVER OR COHO	1,329,600	269,990	1,921,900	412,145
TOTAL SALMON	14,633,100	3,024,154	4,181,400	886,598
AD	354,300	22,325	789,500	50,525
ARKS:				
SOUPFIN	360,100	359,684	48,000	47,731
OTHER	171,000	5,338	23,200	726
ATE	36,300	93	9,700	33
ELT:				
EULACHON	930,300	80,251	-	-
SURF	-	-	400	20
EELHEAD TROUT	1,321,600	222,022	102,600	23,095
RIPED BASS	-	-	116,600	11,660
URGEON	421,600	87,751	1,300	144
NA AND TUNALIKE FISHES:				
ALBACORE	5,479,100	1,671,112	2,483,300	737,536
SKIPJACK	1,782,500	205,266	-	-
ELLOWFIN	7,702,900	969,071	-	-
TOTAL TUNA	14,964,500	2,845,449	2,483,300	737,536
TOTAL	65,270,300	8,242,576	12,411,100	2,094,320
SHELLFISH				
BS	3,892,000	404,768	6,177,500	642,460
AWFISH, FRESH-WATER	32,300	6,451	-	-
MS:				
AZOR	-	-	88,900	52,917
IXED	-	-	30,300	7,587
OPUS	-	-	400	15
TERS, MARKET, PACIFIC	-	-	59,500	10,716
TOTAL	3,924,300	411,219	6,356,600	713,695
GRAND TOTAL	69,194,600	8,653,795	18,767,700	2,808,015

LAMPARA BAIT NET



BEAM TRAWL

COLUMBIA RIVER DISTRICT OF OREGON: OPERATING UNITS BY GEAR, 1948 1/

ITEM	PURSE SEINES, PILCHARD 2/	HAUL SEINES	GILL NETS				LINES	
			SALMON		SHARK	SMELT	TRAWL AND SET	TROLL
			DRIFT	SET				SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	175	-	-	-	101	-	50	268
ON BOATS AND SHORE	-	245	714	109	6	73	28	184
TOTAL	175	245	714	109	107	73	78	452
VESSELS, MOTOR	15	-	-	-	25	-	13	122
NET TONNAGE	1,032	-	-	-	467	-	208	1,329
BOATS:								
MOTOR	-	12	632	79	3	73	21	115
OTHER	-	29	-	30	-	-	4	-
ACCESSORY BOATS	15	-	-	-	-	-	-	-
APPARATUS:								
NUMBER	15	29	632	248	765	73	572	1,190
LENGTH, YARDS	6,750	9,600	-	-	-	-	-	-
SQUARE YARDS	-	-	2,022,000	69,400	666,700	27,375	-	-
HOOKS	-	-	-	-	-	-	15,600	5,350

ITEM	LINES-CONT'D TROLL-CONT'D TUNA 3/	OTTER TRAWLS	POUND NETS	DIP NETS	TRAPS		TOTAL, EXCLUSIVE OF DUPLICATION
					CRAB	CRAWFISH	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	547	261	-	-	94	-	1,055
ON BOATS AND SHORE	23	-	82	515	27	21	1,848
TOTAL	570	261	82	515	121	21	2,903
VESSELS, MOTOR	119	68	-	-	34	-	272
NET TONNAGE	3,103	2,085	-	-	517	-	5,840
BOATS:							
MOTOR	11	-	34	-	15	9	846
OTHER	-	-	45	-	-	8	112
ACCESSORY BOATS	-	-	-	-	-	-	15
APPARATUS:							
NUMBER	790	68	49	515	8,450	1,050	-
YARDS AT MOUTH	-	1,020	-	-	-	-	-
HOOKS	790	-	-	-	-	-	-

1/ STATISTICS IN THIS TABLE ON FISHING VESSELS INCLUDE CRAFT WHOSE HOME PORT IS IN THE COLUMBIA RIVER DISTRICT OF OREGON. ALL TYPES OF FISHING GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES CERTAIN OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN, AND GEAR OPERATED IN THIS DISTRICT BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED EXCLUSIVELY IN THE COLUMBIA RIVER DISTRICT OF OREGON.

2/ IN ADDITION 7 VESSELS FROM PUGET SOUND HAVING A TOTAL NET TONNAGE OF 450 TONS AND MANNED BY 82 FISHERMEN ENGAGED IN THE OREGON PILCHARD FISHERY.

3/ INCLUDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY OF THE SALMON TROLLERS ALSO TROLLED FOR TUNA.

COLUMBIA RIVER DISTRICT OF OREGON: CATCH BY GEAR, 1948 1/

SPECIES	PURSE SEINES		HAUL SEINES		GILL NETS SMELT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
RP.	-	-	600	$17	-	-
LCHARD OR SARDINE	11,013,000	$273,122	-	-	-	-
LMON:						
CHINOOK OR KING	-	-	2,043,700	427,132	-	-
CHUM OR KETS.	-	-	108,200	12,986		
RED OR SOCKEYE.	-	-	1,500	341	-	-
SILVER OR COHO.	-	-	180,400	36,082	-	-
TOTAL SALMON.	-	-	2,333,800	476,541	-	-
AD.	-	-	41,900	2,639	-	-
ELT, EULACHON	-	-	-	-	717,400	$71,737
EELHEAD TROUT	-	-	433,300	72,788	-	-
URGEON.	-	-	2,300	478	-	-
NA AND TUNALIKE FISHES:						
SKIPJACK	1,672,900	137,866	-	-	-	-
YELLOWFIN	6,748,900	807,665	-	-	-	-
TOTAL TUNA.	8,421,800	995,531	-	-		
TOTAL	19,434,800	1,268,653	2,811,900	552,463	717,400	71,737

SPECIES	GILL NETS - CONTINUED SALMON DRIFT		SET		SHARK	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NDERS:						
SOLE.	-	-	-	-	300	$24
THER	240,600	$6,015	-	-	-	-
YFISH 2/	-	-	-	-	19,500	1,775
COD	-	-	-	-	25,200	6,348
KFISHES.	-	-	-	-	1,900	113
LEFISH	-	-	-	-	400	61
MON:						
HINOOK OR KING	7,864,200	1,643,621	183,500	$38,360	-	-
HUM OR KETA.	522,900	62,749	3,400	410	-	-
D OR SOCKEYE.	29,800	6,906	6,600	1,535	-	-
LVER OR COHO.	514,300	102,851	15,900	3,177	-	-
TOTAL SALMON.	8,931,200	1,816,127	209,400	43,482	-	-
.	293,800	18,512	14,400	910	-	-
KS:						
OUPFIN 2/	-	-	-	-	358,600	358,076
HER 2/.	-	-	-	-	136,000	4,244
LHEAD TROUT	482,300	81,025	20,000	3,367	-	-
GEON.	298,100	62,427	48,600	10,343	200	19
TOTAL	10,246,000	1,984,106	292,400	58,102	542,100	370,660

SPECIES	LINES TRAWL, SET AND HAND		TROLL		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
D, TRUE	-	-	-	-	34,300	$1,405
UNDERS:						
SOLE.	1,500	$108	-	-	9,693,400	523,442
OTHER	-	-	-	-	1,204,100	42,143
AYFISH 2/	3,300	304	1,600	$152	4,311,300	393,872
KE 2/	-	-	-	-	50,100	744
LIBUT	462,700	72,175	1,200	150	-	-
NGCOD	56,700	8,387	22,800	2,935	583,000	69,462
KFISHES.	22,700	1,339	19,600	882	3,773,600	149,434
BLEFISH	143,400	24,099	-	-	104,700	9,424
LMON:						
CHINOOK OR KING	-	-	539,600	144,085	-	-
SILVER OR COHO.	-	-	407,900	85,657	-	-
TOTAL SALMON.	-	-	947,500	229,742	-	-
AD.	-	-	100	7	-	-
ARKS:						
SOUPFIN 2/.	200	208	400	416	900	984
OTHER 2/.	400	13	-	-	34,600	1,081
ATE 2/.	-	-	-	-	36,300	93
EELHEAD TROUT	-	-	200	36	-	-

E FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE.)

COLUMBIA RIVER DISTRICT OF OREGON: CATCH BY GEAR, 1948 1/ - Continued

SPECIES	LINES				OTTER TRAWLS	
	TRAWL, SET AND HAND		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON	35,600	$7,582	100	$21	7,700	$720
TUNA AND TUNALIKE FISHES:						
ALBACORE	-	-	5,479,100	1,671,112	-	-
SKIPJACK	109,600	17,400	-	-	-	-
YELLOWFIN	954,000	161,406	-	-	-	-
TOTAL TUNA	1,063,600	178,806	5,479,100	1,671,112	-	-
TOTAL	1,790,100	293,021	6,472,600	1,905,453	19,834,000	1,192,804

SPECIES	POUND NETS		DIP NETS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, OTHER THAN SOLE	52,800	$1,319	-	-
LAMPREY	-	-	231,500	$6,181
SALMON:				
CHINOOK OR KING	492,000	102,837	1,451,200	303,311
CHUM OR KETA	29,600	3,556	-	-
RED OR SOCKEYE	600	138	26,700	6,197
SILVER OR COHO	210,400	42,087	700	136
TOTAL SALMON	732,600	148,618	1,478,600	309,644
SHAD	4,100	257	-	-
SMELT, EULACHON	-	-	212,900	8,514
STEELHEAD TROUT	223,000	37,458	162,800	27,348
STURGEON	5,700	1,205	23,300	4,956
TOTAL	1,018,200	188,857	2,109,100	356,643

SPECIES	TRAPS			
	CRAB		CRAWFISH	
	POUNDS	VALUE	POUNDS	VALUE
LINGCOD	1,700	$77	-	-
CRABS 3/	3,892,000	404,768	-	-
CRAWFISH	-	-	32,300	$6,451
TOTAL	3,893,700	404,845	32,300	6,451

1/ OF THE ABOVE SPECIES THE FOLLOWING ARE TAKEN OFF THE OREGON AND WASHINGTON COASTS BUT LANDED IN THE COLUMBIA RIVER DISTRICT; TRUE COD, SOLE, GRAYFISH, HAKE, HALIBUT, LINGCOD, PILCHARD, ROCKFISHES, SABLEFISH, SHARK, SKATE, TUNA, CRABS AND SOME OF THE STURGEON. MOST OF THE FLOUNDERS AND TROLL CAUGHT SALMON ARE ALSO TAKEN IN COASTAL WATERS.

2/ CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE CARCASSES WERE DISCARDED.

3/ THE WEIGHT OF CRABS SHOWN IS BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.

NOTE: THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: COD LIVERS, 375 POUNDS, VALUE $19; GRAYFISH LIVERS, 520,290 POUNDS, VALUE $411,708; HAKE LIVERS, 1,617 POUNDS, VALUE $744; HALIBUT LIVERS, 6,204 POUNDS, VALUE $7,197; LINGCOD LIVERS, 15,388 POUNDS, VALUE $47,703; ROCKFISH LIVERS, 1,000 POUNDS, VALUE $860; SABLEFISH LIVERS, 5,296 POUNDS, VALUE $9,533; SOUPFIN SHARK LIVERS, 43,222 POUNDS, VALUE $359,606; OTHER SHARK LIVERS, 20,529 POUNDS, VALUE $5,338; SKATE LIVERS, 1,451 POUNDS, VALUE $93; AND HALIBUT, LINGCOD AND SABLEFISH VISCERA, 36,791 POUNDS, VALUE $9,198.

COASTAL DISTRICT OF OREGON: OPERATING UNITS BY GEAR, 1948 1/

ITEM	HAUL SEINES	GILL NETS			LINES		
		SALMON		SHARK	TRAWL	TROLL	
		DRIFT	SET			SALMON	TUNA 2/
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	2	-	67	16	338	127
ON BOATS AND SHORE	30	534	179	10	32	355	9
TOTAL	30	536	179	77	48	693	136
VESSELS, MOTOR	-	1	-	18	5	147	40
NET TONNAGE	-	5	-	371	140	1,381	764
BOATS:							
MOTOR	10	502	129	5	15	275	4
OTHER	10	15	46	-	-	-	-
APPARATUS:							
NUMBER	10	518	491	470	500	1,980	284
LENGTH YARDS	1,700	-	-	-	-	-	-
SQUARE YARDS	-	738,000	145,000	410,000	-	-	-
HOOKS	-	-	-	-	10,000	8,900	284

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

COASTAL DISTRICT OF OREGON: OPERATING UNITS BY GEAR, 1948 1/ - Continued

ITEM	OTTER TRAWLS	TRAPS, CRAB	TONGS AND BY HAND, OYSTER	DREDGES, OYSTER	SHOVELS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
EN:						
SSELS	65	132	-	3	-	523
ATS AND SHORE	3	167	20	3	588	1,630
OTAL	68	299	20	6	588	2,153
, MOTOR	18	49	-	1	-	197
ONNAGE	483	590	-	15	-	2,459
	2	138	3	1	-	908
	-	-	6		-	73
US:						
R.	20	18,600	10	4	588	-
AT MOUTH	300	-	-	8	-	-

ISTICS IN THIS TABLE ON FISHING VESSELS INCLUDES CRAFT WHOSE HOME PORT IS IN THE COASTAL DISTRICT OF
ALL TYPES OF FISHING GEAR OPERATED BY THESE VESSELS HAVE BEEN INCLUDED ALTHOUGH IN SOME INSTANCES
OF THE GEAR WERE OPERATED ONLY IN OTHER DISTRICTS. VESSELS, FISHERMEN AND GEAR OPERATED IN THIS
T BUT HAVING THEIR HOME PORT IN OTHER DISTRICTS HAVE NOT BEEN INCLUDED, EXCEPT FOR THOSE OPERATED
IVELY IN THE COASTAL DISTRICT OF OREGON.

UDES ONLY VESSELS THAT TROLLED OR FISHED EXCLUSIVELY FOR TUNA AND DID NOT TROLL FOR SALMON. MANY
SALMON TROLLERS ALSO TROLLED FOR TUNA.

COASTAL DISTRICT OF OREGON: CATCH BY GEAR, 1948

SPECIES	HAUL SEINES		GILL NETS			
			SALMON		SHARK	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LS.	62,400	$2,806	-	-	-	-
S:						
	-	-	-	-	1,600	$84
	5,700	165	2,000	$68	100	2
1/.	-	-	-	-	6,100	554
	117,700	4,707	-	-	-	-
	-	-	-	-	12,900	1,573
	7,900	789	2,400	245	-	-
	400	12	-	-	-	-
ES	-	-	-	-	3,600	214
K OR KING.	-	-	351,600	81,930	-	-
R KETA	-	-	923,300	123,728	-	-
OR COHO	-	-	989,300	226,559	-	-
TAL SALMON	-	-	2,264,200	432,217	-	-
	-	-	789,500	50,525	-	-
N 1/	-	-	-	-	46,300	46,201
1/	-	-	-	-	20,800	650
SURF.	400	20	-	-	-	-
AD TROUT.	-	-	102,500	23,073	-	-
BASS	-	-	101,400	10,143	-	-
N	-	-	900	110	100	10
OTAL.	194,500	8,499	3,262,900	516,381	91,500	49,288

SPECIES	LINES				OTTER TRAWLS	
	TRAWL AND SET		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
RS:						
	1,700	$119	100	$8	1,995,900	$103,788
.	1,600	47	-	-	223,300	6,474
H 1/.	4,300	392	2,500	228	310,500	28,992
	-	-	-	-	44,500	656
	153,600	27,964	11,600	1,508	-	-
D.	20,200	2,862	172,900	18,577	157,800	18,219
HES	80,500	4,831	74,400	2,231	718,200	34,475
SH.	421,300	70,357	-	-	36,400	3,260

(CONTINUED ON NEXT PAGE)

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COASTAL DISTRICT OF OREGON: CATCH BY GEAR, 1948 - Continued

SPECIES	LINES					
	TRAWL AND SET		TROLL		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING.	-	-	984,600	$268,795	-	-
SILVER OR COHO	-	-	932,600	185,586	-	-
TOTAL SALMON	-	-	1,917,200	454,381	-	-
SHARKS:						
SOUPFIN 1/.	100	$89	500	441	1,100	$1,00
OTHER 1/	300	9	100	4	2,000	63
SKATE 1/.	-	-	-	-	9,700	33
STEELHEAD TROUT.	-	-	100	22	-	-
STRIPED BASS	-	-	15,200	1,517	-	-
STURGEON	-	-	-	-	300	24
TUNA, ALBACORE	-	-	2,483,300	737,536	-	-
OCTOPUS.	-	-	-	-	400	15
TOTAL.	683,600	106,670	4,677,900	1,216,453	3,500,100	196,999

SPECIES	TRAPS, CRAB		DREDGES, BY HAND AND TONGS		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LINGCOD.	1,000	$45	-	-	-	-
CRABS 2/	6,177,500	642,460	-	-	-	-
CLAMS:						
RAZOR 3/	-	-	-	-	88,900	$52,917
MIXED 4/	-	-	-	-	30,300	7,587
OYSTERS, MARKET, PACIFIC 5/	-	-	59,500	$10,716	-	-
TOTAL.	6,178,500	642,505	59,500	10,716	119,200	60,504

1/ CAUGHT ALMOST ENTIRELY FOR THE UTILIZATION OF THE LIVERS IN THE EXTRACTION OF VITAMIN OILS. MOST OF THE CARCASSES WERE DISCARDED.

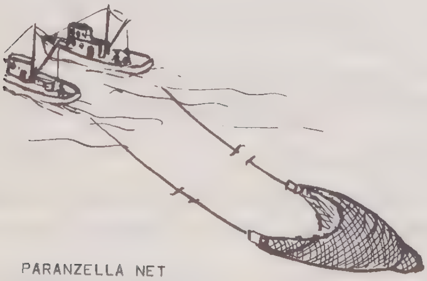
2/ THE WEIGHT OF CRABS SHOWN IS BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.

3/ THE WEIGHT OF RAZOR CLAMS IS THAT OF EDIBLE MEATS, BASED ON A YIELD OF 42 PERCENT OF THE ROUND WEIGHT.

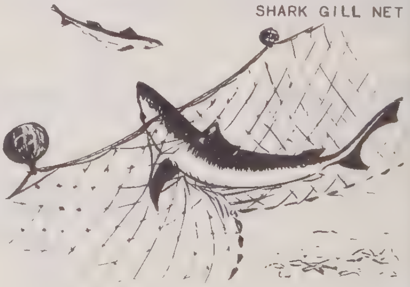
4/ MIXED CLAMS CONSIST PRINCIPALLY OF EASTERN SOFT SHELL CLAMS. THE WEIGHT SHOWN IS THAT OF EDIBLE MEATS, BASED ON A YIELD OF 21 PERCENT OF THE ROUND WEIGHT.

5/ THE STATISTICS ON OYSTERS USED IN THIS TABLE ARE BASED ON A YIELD OF 12 PERCENT OF EDIBLE MEATS.

NOTE: THE QUANTITIES SHOWN REPRESENT THE ROUND WEIGHT OF THE CATCH OF FISH AND SHELLFISH EXCEPT FOR BIVALVE MOLLUSKS, WHICH ARE REPORTED IN POUNDS OF MEATS. THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDES THE FOLLOWING ITEMS OF LIVERS AND VISCERA: GRAYFISH LIVERS, 38,808 POUNDS, VALUE $29,494; HAKE LIVERS, 1,425 POUNDS, VALUE $656; HALIBUT LIVERS, 2,212 POUNDS, VALUE $2,566; LINGCOD LIVERS, 8,455 POUNDS, VALUE $25,365; ROCKFISH LIVERS, 1,764 POUNDS, VALUE $1,499; SABLEFISH LIVERS, 12,227 POUNDS, VALUE $22,009; SKATE LIVERS, 388 POUNDS, VALUE $25; SOUPFIN SHARK LIVERS, 5,753 POUNDS, VALUE $47,731; OTHER SHARK LIVERS, 2,789 POUNDS, VALUE $726; AND HALIBUT, LINGCOD AND SABLEFISH VISCERA, 29,574 POUNDS, VALUE $7,393.



PARANZELLA NET



SHARK GILL NET

PACIFIC COAST FISHERIES

CALIFORNIA

CATCH BY DISTRICTS, 1948

SPECIES	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
IES.	13,600	$558	380,300	$8,062	7,255,600	$258,301
NE	800	23	400	13	5,900	197
	-	-	330,200	19,129	-	-
IH.	-	-	274,700	49,494	-	-
IERS:						
IFORNIA HALIBUT"	-	-	14,200	2,462	81,000	16,771
E"	16,066,100	832,225	4,546,200	241,857	382,400	25,661
R.	433,800	20,649	754,000	36,893	95,300	6,378
	500	125	3,800	42	800	216
T.	54,800	12,342	69,200	12,037	-	-
AD	-	-	24,400	7,123	-	-
G, SEA	120,500	3,013	7,441,200	142,053	438,600	11,272
ACKEREL	-	-	-	-	8,887,700	273,731
SH	-	-	5,200	299	213,700	11,647
D.	1,668,600	138,949	284,300	23,543	81,600	7,309
EL	-	-	2,500	74	153,400	6,473
	62,100	6,837	87,400	14,039	38,500	3,608
RD OR SARDINE	7,300	867	229,800	6,297	95,514,000	3,161,514
O.	-	-	800	250	107,700	33,774
SHES	3,952,200	182,199	271,100	21,067	1,649,600	119,949
ISH.	1,753,100	158,479	23,800	917	244,600	10,715
	4,034,000	1,093,211	3,484,300	846,879	230,300	63,503
SS:						
K.	-	-	-	-	300	22
E.	500	134	5,700	1,333	48,100	10,212
	100	6	426,400	27,185	-	-
, INCLUDING GRAYFISH	643,900	160,974	202,000	613,247	855,600	18,311
	7,200	184	88,000	1,162	5,200	146
	29,100	2,463	427,300	26,449	166,400	9,687
AIL.	-	-	1,400	108	-	-
ISH.	-	-	-	-	700	332
ND TUNALIKE FISHES:						
CORE	732,400	204,272	668,200	184,157	1,961,800	517,321
JACK OR STRIPED.	-	-	-	-	200	29
TOTAL TUNA	732,400	204,272	668,200	184,157	1,962,000	517,350
AIT.	166,100	17,403	56,200	6,794	200	28
IFIED	33,300	1,668	67,500	1,038	600	22
OTAL.	29,780,000	2,836,581	20,170,500	2,294,003	118,419,800	4,567,129
SHELLFISH						
DUNGENESS	5,856,100	614,859	5,903,900	627,434	51,900	8,885
	-	-	926,700	56,159	2,800	1,108
	-	-	8,300	6,093	7,000	5,256
	1,600	748	-	-	1,100	482
	-	-	300	64	-	-
	44,200	2,381	50,500	3,442	25,400	3,524
MARKET:						
RN.	-	-	46,400	51,633	-	-
IC.	-	-	1,400	1,363	-	-
TOTAL OYSTERS.	-	-	47,800	52,996	-	-
	-	-	-	-	19,115,200	514,199
TOTAL.	5,901,900	617,988	6,937,500	746,188	19,203,400	533,454
WHALE PRODUCTS						
WHALE AND WHALE BONE	238,000	7,720	-	-	-	-
WHALE	413,300	61,719	-	-	-	-
	467,500	66,071	-	-	-	-
	59,600	12,935	-	-	-	-
TOTAL.	1,178,400	148,445	-	-	-	-
GRAND TOTAL.	36,860,300	3,603,014	27,108,000	3,040,191	137,623,200	5,100,583

(CONTINUED ON NEXT PAGE)

CALIFORNIA: CATCH BY DISTRICTS, 1948 .- Continued

SPECIES	SAN PEDRO DISTRICT					
	OFF CALIFORNIA		OFF LATIN AMERICA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	3,176,600	$80,627	-	-	3,176,600	$80,627
BARRACUDA	545,300	102,251	767,500	$128,548	1,312,800	230,799
CABEZONE	1,100	149	-	-	1,100	149
CABRILLA	-	-	212,600	32,170	212,600	32,170
CARP	84,500	2,534	-	-	84,500	2,534
FLOUNDERS:						
"CALIFORNIA HALIBUT"	854,000	173,046	29,200	6,560	883,200	179,606
"SOLE"	659,600	38,896	-	-	659,600	38,896
OTHER	41,400	4,617	-	-	41,400	4,617
FLYINGFISH	71,000	5,265	-	-	71,000	5,265
GROUPERS	-	-	170,800	34,583	170,800	34,583
HERRING, SEA	100	12	-	-	100	12
JACK MACKEREL	63,979,800	1,861,812	-	-	63,979,800	1,861,812
KINGFISH	395,200	22,859	-	-	395,200	22,859
LINGCOD	12,500	1,357	900	130	13,400	1,487
MACKEREL	38,824,600	1,356,811	-	-	38,824,600	1,356,811
PERCH	116,900	22,888	-	-	116,900	22,888
PILCHARD OR SARDINE	258,281,100	7,414,668	-	-	258,281,100	7,414,668
POMPANO	51,700	8,701	-	-	51,700	8,701
ROCK BASS	101,200	16,189	3,500	588	104,700	16,777
ROCKFISHES	520,700	58,675	21,300	2,423	542,000	61,098
SABLEFISH	45,900	4,847	-	-	45,900	4,847
SALMON	20,500	5,767	-	-	20,500	5,767
SCULPIN	123,600	22,420	-	-	123,600	22,420
SEA BASS:						
BLACK	12,000	1,716	104,200	17,892	116,200	19,608
WHITE	664,100	159,378	156,500	41,693	820,600	201,071
SHARKS, INCLUDING GRAYFISH	638,700	247,994	200	42	638,900	248,036
SHEEPSHEAD	72,700	5,980	3,300	294	76,000	6,274
SKATES	18,700	1,105	-	-	18,700	1,105
SMELT	157,800	14,461	-	-	157,800	14,461
SPANISH MACKEREL	-	-	4,500	399	4,500	399
SUCKERS	2,200	66	-	-	2,200	66
SWORDFISH	760,600	254,599	36,000	11,859	796,600	266,458
TUNA AND TUNALIKE FISHES:						
ALBACORE	2,500,700	703,646	5,653,500	1,605,580	8,154,200	2,309,226
BLUEFIN	1,692,300	284,277	4,741,500	796,583	6,433,800	1,080,860
BONITO	68,800	8,064	8,608,100	1,004,529	8,676,900	1,012,593
SKIPJACK OR STRIPED	153,700	24,335	13,825,300	2,189,937	13,979,000	2,214,272
YELLOWFIN	-	-	62,629,500	10,557,446	62,629,500	10,557,446
TOTAL TUNA	4,415,500	1,020,322	95,457,900	16,154,075	99,873,400	17,174,397
WHITEFISH	23,200	2,736	4,000	473	27,200	3,209
YELLOWTAIL	88,600	9,975	7,610,200	856,908	7,698,800	866,883
UNCLASSIFIED	99,000	6,785	1,100	73	100,100	6,858
TOTAL	374,860,400	12,929,508	104,583,700	17,288,710	479,444,100	30,218,218
SHELLFISH						
CRABS:						
DUNGENESS	6,400	730	-	-	6,400	730
ROCK	20,900	2,115	-	-	20,900	2,115
LOBSTERS, SPINY	449,300	191,492	-	-	449,300	191,492
ABALONE	621,800	355,256	-	-	621,800	355,256
CLAMS, HARD	100	14	-	-	100	14
OCTOPUS	600	92	-	-	600	92
OYSTERS, MARKET, PACIFIC	18,600	10,366	-	-	18,600	10,366
SQUID	140,500	3,968	-	-	140,500	3,968
TOTAL	1,258,200	564,033	-	-	1,258,200	564,033
GRAND TOTAL	376,118,600	13,493,541	104,583,700	17,288,710	480,702,300	30,782,251

SPECIES	SAN DIEGO DISTRICT					
	OFF CALIFORNIA		OFF LATIN AMERICA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	9,800	$379	-	-	9,800	$379
BARRACUDA	554,800	67,462	258,100	$31,387	812,900	98,849
CABRILLA	-	-	18,100	2,185	18,100	2,185
CARP	5,900	471	-	-	5,900	471

(CONTINUED ON NEXT PAGE)

CALIFORNIA: CATCH BY DISTRICTS, 1948 - Continued

SPECIES	SAN DIEGO DISTRICT - CONTINUED					
	OFF CALIFORNIA		OFF LATIN AMERICA		TOTAL	
FISH, CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NDERS:						
ALIFORNIA HALIBUT"	97,800	$20,468	236,300	$49,431	334,100	$69,899
OLE"	600	86	-	-	600	86
HER	100	23	-	-	100	23
PERS	-	-	184,500	25,262	184,500	25,262
ING, SEA	100	6	-	-	100	6
MACKEREL	30,800	798	-	-	30,800	798
FISH	28,900	2,749	100	9	29,000	2,758
COD	4,100	447	3,500	393	7,600	840
EREL	405,300	17,226	-	-	405,300	17,226
ET	45,400	4,334	-	-	45,400	4,334
H	300	55	-	-	300	55
HARD OR SARDINE	8,004,900	148,891	-	-	8,004,900	148,891
ANO	400	82	-	-	400	82
BASS	36,200	4,153	23,400	2,693	59,600	6,846
ISHES	53,200	5,115	39,100	3,759	92,300	8,874
EFISH	-	-	1,000	41	1,000	41
ON	100	41	-	-	100	41
PIN	31,100	4,243	400	53	31,500	4,296
BASS:						
ACK	4,300	939	67,200	10,114	71,500	11,053
ITE	71,300	16,402	168,100	38,652	239,400	55,054
KS, INCLUDING GRAYFISH	133,800	10,247	6,400	491	140,200	10,738
PSHEAD	14,700	1,406	9,500	673	24,200	2,079
T	1,200	114	300	23	1,500	137
ISH MACKEREL	-	-	20,000	1,321	20,000	1,321
OFISH	116,400	32,312	200,100	55,568	316,500	87,880
AND TUNALIKE FISHES:						
ACORE	4,691,400	1,406,719	20,273,000	6,078,862	24,964,400	7,485,581
UEFIN	1,500	243	93,500	15,275	95,000	15,518
NITO	146,200	15,634	312,000	33,351	458,200	48,985
IPJACK OR STRIPED	165,300	26,260	44,627,200	7,088,185	44,792,500	7,114,445
LOWFIN	400	70	129,093,900	21,879,351	129,094,300	21,879,421
TOTAL TUNA	5,004,800	1,448,926	194,399,600	35,095,024	199,404,400	36,543,950
ISH	1,100	101	13,600	1,248	14,700	1,349
WTAIL	158,000	17,013	2,588,900	278,825	2,746,900	295,838
SSIFIED	2,300	389	4,400	716	6,700	1,105
TOTAL	14,817,700	1,804,878	198,242,600	35,597,868	213,060,300	37,402,746
SHELLFISH						
ERS, SPINY	114,200	37,612	-	-	114,200	37,612
	1,300	1,004	-	-	1,300	1,004
NE	8,600	4,295	-	-	8,600	4,295
D	13,700	11,564	-	-	13,700	11,564
	100	62	-	-	100	62
LS	500	150	-	-	500	150
TOTAL	138,400	54,687	-	-	138,400	54,687
GRAND TOTAL	14,956,100	1,859,565	198,242,600	35,597,868	213,198,700	37,457,433

CALIFORNIA: CATCH BY WATERS, 1948

SPECIES	OFF CALIFORNIA		OFF LATIN AMERICA	
FISH	POUNDS	VALUE	POUNDS	VALUE
OVIES	10,835,900	$347,927	-	-
ACUDA	1,100,100	169,713	1,025,600	$159,935
ZONE	8,200	382	-	-
ILLA	-	-	230,700	34,355
	420,600	22,134	-	-
ISH	274,700	49,494	-	-
NDERS:				
ALIFORNIA HALIBUT"	1,047,000	212,747	265,500	55,991
OLE"	21,654,900	1,138,725	-	-
HER	1,324,600	58,560	-	-
NGFISH	71,000	5,265	-	-
PERS	-	-	355,300	59,845
	5,100	383	-	-

(CONTINUED ON NEXT PAGE)

CALIFORNIA: CATCH BY WATERS, 1948 - Continued

SPECIES	OFF CALIFORNIA		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
FISH - CONTINUED				
HALIBUT	124,000	$24,379	-	-
HARDHEAD	24,400	7,123	-	-
HERRING, SEA	8,000,500	156,356	-	-
JACK MACKEREL	72,898,300	2,136,341	-	-
KINGFISH	643,000	37,554	100	$9
LINGCOD	2,051,100	171,605	4,400	523
MACKEREL	39,385,800	1,380,584	-	-
MULLET	45,400	4,334	-	-
PERCH	305,200	47,427	-	-
PILCHARD OR SARDINE	362,037,100	10,732,237	-	-
POMPANO	160,600	42,807	-	-
ROCK BASS	137,400	20,342	26,900	3,281
ROCKFISHES	6,446,800	387,005	60,400	6,182
SABLEFISH	2,067,400	174,958	1,000	41
SALMON	7,769,200	2,009,401	-	-
SCULPIN	154,700	26,663	400	53
SEA BASS:				
BLACK	16,600	2,677	171,400	28,006
WHITE	789,700	187,459	324,600	80,345
SHAD	426,500	27,191	-	-
SHARKS, INCLUDING GRAYFISH	2,474,000	1,050,773	6,600	533
SHEEPSHEAD	87,400	7,386	12,800	967
SKATES	119,100	2,597	-	-
SMELT	781,800	53,174	300	23
SPANISH MACKEREL	-	-	24,500	1,720
SPLITTAIL	1,400	108	-	-
SUCKERS	2,200	66	-	-
SWORDFISH	877,700	287,243	236,100	67,427
TUNA AND TUNALIKE FISHES:				
ALBACORE	10,554,500	3,016,115	25,926,500	7,684,442
BLUEFIN	1,693,800	284,520	4,835,000	811,858
BONITO	215,000	23,698	8,920,100	1,037,880
SKIPJACK OR STRIPED	319,200	50,624	58,452,500	9,278,122
YELLOWFIN	400	70	191,723,400	32,436,797
TOTAL TUNA	12,782,900	3,375,027	289,857,500	51,249,099
WHITEBAIT	222,500	24,225	-	-
WHITEFISH	24,300	2,837	17,600	1,721
YELLOWTAIL	246,600	26,988	10,199,100	1,135,733
UNCLASSIFIED	202,700	9,902	5,500	789
TOTAL	558,048,400	24,432,099	302,826,300	52,886,578
SHELLFISH				
CRABS:				
DUNGENESS	11,818,300	1,251,908	-	-
ROCK	20,900	2,115	-	-
LOBSTERS, SPINY	563,500	229,104	-	-
SHRIMP	930,800	58,271	-	-
ABALONE	645,700	370,900	-	-
CLAMS:				
HARD	16,500	12,808	-	-
SOFT	400	126	-	-
MUSSELS	500	150	-	-
OCTOPUS	120,700	9,439	-	-
OYSTERS, MARKET:				
EASTERN	46,400	51,633	-	-
PACIFIC	20,000	11,729	-	-
TOTAL OYSTERS	66,400	63,362	-	-
SQUID	19,255,700	518,167	-	-
TOTAL	33,439,400	2,516,350	-	-
WHALE PRODUCTS				
MEAL, WHALE AND WHALE BONE	238,000	7,720	-	-
OIL:				
WHALE	413,300	61,719	-	-
SPERM	467,500	66,071	-	-
OTHER	59,600	12,935	-	-
TOTAL	1,178,400	148,445	-	-
GRAND TOTAL	592,666,200	27,096,894	302,826,300	52,886,578

LANDINGS BY HALIBUT FLEET AT SEATTLE, WASH.

During 1948, landings of halibut, lingcod, rockfishes, and sablefish at Seattle, shington, by the United States halibut fleet amounted to 11,173,428 pounds, valued at ,175,663 to the fishermen. In addition, a total of 667,990 pounds of assorted fish vers and viscera, valued at $844,592, was landed by these vessels. The combined ndings were 52 percent larger than in 1947, and the value showed an increase of 34 rcent over that of the previous year.

All landings reported in the following tables are reported as dressed weight, and nsequently are not directly comparable with data contained in the sectional and state tch tables. A summary of the 1948 landings at Seattle by the United States halibut eet is found below.

For additional information on the Pacific Coast halibut fishery, the reader is ferred to Section 12 of this Digest, entitled 'Review of Certain Major Fisheries'

LANDINGS BY HALIBUT FLEET AT SEATTLE BY FISHING GROUNDS, 1948 1/

FISHING GROUNDS	TRIPS	HALIBUT				LINGCOD	
		NO. 1		NO. 2			
	NUMBER	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CAPE SPENCER.	138	3,437,604	$802,341	2,833,023	$576,091	-	-
F CAPE SPENCER.	323	1,540,028	330,643	1,269,083	170,510	491,683	$53,744
OTAL, 1948.	461	4,977,632	1,132,984	4,102,106	746,601	491,683	53,744
OTAL, 1947.	306	2,681,366	702,220	2,731,247	619,826	315,302	32,919

FISHING GROUNDS	ROCKFISHES		SABLEFISH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
F CAPE SPENCER.	-	-	1,493	$161	6,272,120	$1,378,593
F CAPE SPENCER.	229,698	$14,387	1,370,816	227,786	4,901,308	797,070
TAL, 1948.	229,698	14,387	1,372,309	227,947	11,173,428	2,175,663
TAL, 1947.	165,101	11,873	1,305,601	153,227	7,198,617	1,520,065

N ADDITION, VESSELS OF THE SEATTLE HALIBUT FLEET LANDED THE FOLLOWING QUANTITIES OF FISH LIVERS RING 1948: GRAYFISH (DOGFISH), 56,332 POUNDS, VALUED AT $29,293; HALIBUT, 161,619 POUNDS, VALUED $274,752; LINGCOD, 20,651 POUNDS, VALUED AT $28,911; SABLEFISH, 64,892 POUNDS, VALUED AT $85,083; UPFIN SHARK, 46,311 POUNDS, VALUED AT $284,413; AND MISCELLANEOUS LIVERS AND VISCERA, 328,185 NDS, VALUED AT $142,140, A TOTAL OF 667,990 POUNDS, VALUED AT $844,592 TO THE FISHERMEN.

LANDINGS BY HALIBUT FLEET AT SEATTLE BY MONTHS, 1948 1/

MONTHS	TRIPS	HALIBUT				LINGCOD	
		NO. 1		NO. 2			
	NUMBER	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
. . . .	19	-	-	-	-	113,820	$13,373
RY	19	-	-	-	-	97,334	11,512
. . . .	18	-	-	-	-	102,122	12,537
. . . .	3	-	-	-	-	18,431	2,553
. . . .	103	2,041,144	$406,093	1,458,031	$210,863	29,967	1,696
. . . .	76	1,453,106	358,299	1,063,764	215,441	16,474	1,030
. . . .	88	1,368,515	333,761	1,567,526	316,457	99	6
. . . .	20	22,536	7,024	946	287	643	39
BER.	31	25,314	7,684	5,317	1,595	3,994	230
R.	50	47,476	14,261	5,275	1,584	7,272	367
ER.	23	19,541	5,862	1,247	374	15,391	1,670
ER	11	-	-	-	-	86,136	8,731
OTAL, 1948.	461	4,977,632	1,132,984	4,102,106	746,601	491,683	53,744
TOTAL, 1947.	306	2,681,366	702,220	2,731,247	619,826	315,302	32,919
OMPARED WITH 1947.	+51	+86	+62	+50	+20	+56	+63

(CONTINUED ON NEXT PAGE)

LANDINGS BY HALIBUT FLEET AT SEATTLE BY MONTHS, 1948 - Continued

MONTHS	ROCKFISHES		SABLEFISH		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VA
JANUARY	19,727	$2,010	-	-	133,547	$15
FEBRUARY	23,349	1,796	-	-	120,683	13
MARCH	37,280	2,581	8,222	$1,061	147,624	16
APRIL	16,823	1,209	-	-	35,254	3
MAY	9,759	542	2,951	373	3,541,852	619
JUNE	4,939	271	54,334	9,281	2,592,617	584
JULY	8,348	498	86,764	15,793	3,031,252	666
AUGUST	12,177	625	274,924	48,928	311,226	56
SEPTEMBER	15,699	787	296,677	51,120	347,001	61
OCTOBER	56,829	2,854	473,530	74,505	590,382	93
NOVEMBER	16,102	805	163,860	25,201	216,141	33
DECEMBER	8,666	409	11,047	1,685	105,849	10
TOTAL, 1948	229,698	14,387	1,372,309	227,947	11,173,428	2,175
TOTAL, 1947	165,101	11,873	1,305,601	153,227	7,198,617	1,520
1948 COMPARED WITH 1947	+39	+21	+5	+49	+55	+4

[1] IN ADDITION, VESSELS OF THE SEATTLE HALIBUT FLEET LANDED THE FOLLOWING QUANTITIES OF FISH LIVERS DURIN 1948: GRAYFISH (DOGFISH), 56,332 POUNDS, VALUED AT $29,293; HALIBUT, 161,619 POUNDS, VALUED AT $274,752 LINGCOD, 20,651 POUNDS, VALUED AT $28,911; SABLEFISH, 54,892 POUNDS, VALUED AT $85,083; SOUPFIN SHARK, 46,311 POUNDS, VALUED AT $284,413; AND MISCELLANEOUS LIVERS AND VISCERA, 328,185 POUNDS, VALUED AT $142, A TOTAL OF 667,990 POUNDS, VALUED AT $844,592 TO THE FISHERMEN.

NOTE:--THE 1948 HALIBUT FISHING SEASON OPENED ON MAY 1; SOUTH OF CAPE SPENCER (AREA II) CLOSED ON JUNE 1, AND WEST OF CAPE SPENCER (AREA III) CLOSED ON JULY 11, A TOTAL OF 72 FISHING DAYS, THE SHORTEST PERIOD O RECORD. IN 1947, THE PREVIOUS SHORTEST PERIOD, FISHING LASTED A TOTAL OF 109 DAYS AND CLOSED ON AUGUST

HALIBUT LONG LINE

RECEIPTS BY SEATTLE WHOLESALE DEALERS

Landings and wholesale receipts, including imports, of fresh and frozen fish, shellfish, livers and viscera, received by Seattle dealers during 1948, totaled 83,101,194 pounds, valued at $16,499,197. This represented an increase of 6 percent in volume and 4 percent in value compared with 1947. The volume was the second largest since complete records were first obtained in 1939 and was exceeded only by the peak yield in 1945 when 89,551,236 pounds were received. The 1948 value was the greatest on record

The waters of Washington and Oregon were again the principal sources of supply, contributing 60 percent of the total receipts. British Columbia was second, supplying 20 percent; and Alaska third, with 18 percent. Other sources supplied the remaining 2 percent.

The following table contains information on the receipts by species, origin and condition of the various species for 1948. More detailed information on these receipts can be obtained from the daily and monthly reports issued by the Service's Seattle Market News office.

ISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948

ITEM			POUNDS	APPROXIMATE VALUE
FISH				
IP, LOCAL	OTHER	ROUND	9,264	$741
, LOCAL	EX-VESSEL	DRESSED	789,511	47,371
, LOCAL	EX-VESSEL	ROUND	1,406,568	56,263
, LOCAL	OTHER		33,536	1,677
, ALASKA, FROZEN	DO		400	20
TOTAL COD			2,230,015	105,331
LY VARDEN TROUT, ALASKA, FROZEN	DO		30,082	6,016
UNDER, LOCAL	EX-VESSEL	DO	755,572	30,223
UNDER, LOCAL	OTHER		15,578	623
UNDER, BRITISH COLUMBIA	DO		14,375	4,313
TOTAL FLOUNDER			785,525	35,159
IBUT, LOCAL, NO. 1	EX-VESSEL	DRESSED	4,977,632	1,132,984
IBUT, LOCAL, NO. 2	DO	DO	4,102,106	746,601
IBUT, LOCAL, UNCLASSIFIED	DO	DO	33,762	6,887
IBUT, LOCAL, UNCLASSIFIED	OTHER		199,630	40,725
IBUT, ALASKA	DO		210,807	37,945
IBUT, ALASKA, FROZEN	DO		8,722,166	1,569,990
IBUT, BRITISH COLUMBIA	DO		819,367	140,931
IBUT, BRITISH COLUMBIA, FROZEN	DO		1,261,000	216,892
TOTAL HALIBUT			20,326,470	3,892,955
RRING, LOCAL	DO	ROUND	44,845	2,377
RRING, ALASKA, FROZEN	DO		180,000	6,300
RRING, BRITISH COLUMBIA, FROZEN 1/	DO		1,307,103	36,599
TOTAL HERRING			1,531,948	45,276
GCOD, LOCAL	EX-VESSEL	DRESSED	2,214,212	197,065
GCOD, LOCAL	DO	ROUND	902,122	45,106
GCOD, LOCAL	OTHER		273,381	19,137
COD, ALASKA, FROZEN	DO		26,675	2,134
COD, BRITISH COLUMBIA	DO		146,956	12,491
GCOD, BRITISH COLUMBIA, FROZEN	DO		126,328	10,738
TOTAL LINGCOD			3,689,674	286,671
H, LOCAL	DO	ROUND	117,336	12,438
CH, BRITISH COLUMBIA	DO		1,600	128
TOTAL PERCH			118,936	12,566
HARD, LOCAL	DO	DO	102,543	4,717
FISHES, LOCAL	EX-VESSEL	DRESSED	134,809	9,706
FISHES, LOCAL	DO	ROUND	6,596,111	296,825
FISHES, LOCAL	OTHER		110,476	6,518
FISHES, ALASKA, FROZEN	DO		2,610	131
FISHES, BRITISH COLUMBIA	DO		4,170	167
TOTAL ROCKFISHES			6,848,176	313,347
BLEFISH, LOCAL	EX-VESSEL	DRESSED	1,449,700	231,952
BLEFISH, LOCAL	DO	ROUND	145,909	9,338
BLEFISH, LOCAL	OTHER		127,344	11,970
BLEFISH, ALASKA, FROZEN	DO		1,371,462	123,432
BLEFISH, BRITISH COLUMBIA	DO		4,199	378
BLEFISH, BRITISH COLUMBIA, FROZEN	DO		7,964	717
TOTAL SABLEFISH			3,106,578	377,787

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(CONTINUED ON NEXT PAGE)

FISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948 - Continued

ITEM			POUNDS	APPROXIMA VALUE
FISH - CONTINUED				
SALMON:				
CHINOOK, LOCAL, LARGE	EX-VESSEL	DRAWN	667,494	$252,313
CHINOOK, LOCAL, SMALL	DO	DO	269,641	90,330
CHINOOK, LOCAL, WHITE	DO	DO	137,512	43,316
CHINOOK, LOCAL, UNCLASSIFIED	DO	ROUND	53,662	15,079
CHINOOK, LOCAL, UNCLASSIFIED	OTHER		2,701,865	883,770
CHINOOK, LOCAL, UNCLASSIFIED, FROZEN	DO		18,680	6,108
CHINOOK, CALIFORNIA	DO		7,735	2,321
CHINOOK, COLUMBIA RIVER	DO		31,413	7,853
CHINOOK, ALASKA	DO		183,803	55,141
CHINOOK, ALASKA, FROZEN	DO		1,014,843	304,453
CHINOOK, BRITISH COLUMBIA	DO		3,615,103	809,783
CHINOOK, BRITISH COLUMBIA, FROZEN	DO		628,475	140,778
TOTAL CHINOOK SALMON			9,330,226	2,611,245
CHUM, LOCAL	EX-VESSEL	ROUND	497,043	96,426
CHUM, LOCAL	OTHER		2,804,544	544,082
CHUM, LOCAL, FROZEN	DO		1,653	321
CHUM, ALASKA, FROZEN	DO		154,463	19,308
CHUM, BRITISH COLUMBIA, FROZEN	DO		5,997,761	551,794
TOTAL CHUM SALMON			9,455,464	1,211,931
PINK, LOCAL	EX-VESSEL	DO	42	5
PINK, ALASKA, FROZEN	OTHER		97,172	972
PINK, BRITISH COLUMBIA	DO		17,680	1,344
PINK, BRITISH COLUMBIA, FROZEN	DO		11,380	865
TOTAL PINK SALMON			126,274	3,186
SILVER, LOCAL	EX-VESSEL	DRAWN	684,929	223,972
SILVER, LOCAL	DO	ROUND	188,904	47,792
SILVER, LOCAL	OTHER		3,118,860	904,469
SILVER, LOCAL, FROZEN	DO		1,278	371
SILVER, ALASKA	DO		610	146
SILVER, ALASKA, FROZEN	DO		1,200,098	288,024
SILVER, BRITISH COLUMBIA	DO		316,051	73,956
SILVER, BRITISH COLUMBIA, FROZEN	DO		602,923	141,084
TOTAL SILVER SALMON			6,113,653	1,679,814
SOCKEYE, LOCAL	DO	DO	196,807	49,202
SOCKEYE, ALASKA, FROZEN	DO		993	223
TOTAL SOCKEYE SALMON			197,800	49,425
UNCLASSIFIED ALASKA, FROZEN	DO		144,465	24,704
UNCLASSIFIED, BRITISH COLUMBIA	DO		58,997	6,600
UNCLASSIFIED, BRITISH COLUMBIA, FROZEN	DO		65,572	7,213
TOTAL UNCLASSIFIED SALMON			269,034	38,517
TOTAL ALL SALMON			25,492,451	5,594,118
SHAD, CALIFORNIA	DO		11,706	1,931
SMELT, EULACHON, LOCAL	DO	DO	296,723	24,035
SMELT, EULACHON, BRITISH COLUMBIA	DO		4,000	560
SMELT, EULACHON, BRITISH COLUMBIA, FROZEN	DO		17,070	2,390
SMELT, SILVER, LOCAL	DO	DO	427,810	21,391
TOTAL SMELT			745,603	48,376
SOLE, ENGLISH, LOCAL	EX-VESSEL	DO	2,899,603	144,980
SOLE, ENGLISH, LOCAL	OTHER		80,736	4,037
SOLE, PETRALE, LOCAL	EX-VESSEL	DO	3,730,011	261,101
SOLE, PETRALE, LOCAL	OTHER		64,375	4,506
SOLE, UNCLASSIFIED, LOCAL	EX-VESSEL	DO	218,121	12,651
SOLE, UNCLASSIFIED, BRITISH COLUMBIA	OTHER		6,018	481
TOTAL SOLE			6,998,864	427,756
SWORDFISH, JAPAN, FROZEN	DO		241,747	48,349
TUNA, ALBACORE, LOCAL	EX-VESSEL	DO	172,300	54,275
TUNA, ALBACORE, LOCAL	OTHER		194,503	61,268
TUNA, ALBACORE, ALASKA, FROZEN	DO		11,700	3,065

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

FISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948 - Continued

ITEM		POUNDS	APPROXIMATE VALUE
FISH - CONTINUED			
IA, ALBACORE, BRITISH COLUMBIA	OTHER	34,730	$9,099
IA, ALBACORE, BRITISH COLUMBIA, FROZEN	DO	144,225	37,499
A, ALBACORE, JAPAN, FROZEN.	DO	713,190	156,902
A, SKIPJACK, JAPAN, FROZEN.	DO	85,480	17,096
TOTAL TUNA		1,356,128	339,204
LLETS, SOLE, LOCAL	DO	108,578	32,573
LLETS, SOLE, LOCAL, FROZEN	DO	26,225	7,343
LLETS, SOLE, BRITISH COLUMBIA.	DO	24,962	5,991
LLETS, SOLE, BRITISH COLUMBIA, FROZEN. . . .	DO	542,965	130,312
LLETS, OTHER, LOCAL.	DO	80,633	20,158
LLETS, OTHER, LOCAL, FROZEN.	DO	18,645	4,475
LLETS, OTHER, BRITISH COLUMBIA	DO	15,440	3,706
LLETS, OTHER, BRITISH COLUMBIA, FROZEN . . .	DO	263,818	63,316
TOTAL FILLETS.		1,081,266	267,874
LASSIFIED, LOCAL.	EX-VESSEL	24,823	3,575
LASSIFIED, LOCAL.	OTHER	53,102	5,841
LASSIFIED, LOCAL, FROZEN.	DO	83,513	7,934
LASSIFIED, ALASKA, FROZEN	DO	422	63
LASSIFIED, BRITISH COLUMBIA	DO	6,580	790
LASSIFIED, BRITISH COLUMBIA, FROZEN 2/. . . .	DO	156,712	48,260
TOTAL UNCLASSIFIED		325,152	66,463
ALL FISH			
ESH, LOCAL	EX-VESSEL	33,052,099	4,056,136
SH, LOCAL	OTHER	11,162,469	2,656,255
SH, ALASKA.	DO	395,220	93,232
ESH, BRITISH COLUMBIA.	DO	5,090,228	1,070,718
ESH, OTHER SOURCES	DO	50,854	12,105
TOTAL FRESH.		49,750,870	7,888,446
ZEN, LOCAL.	DO	149,994	26,552
ZEN, ALASKA	DO	12,957,551	2,348,835
ZEN, BRITISH COLUMBIA	DO	11,133,296	1,388,457
ZEN, OTHER SOURCES.	DO	1,040,417	222,347
TOTAL FROZEN		25,281,258	3,986,191
TOTAL FRESH AND FROZEN FISH.		75,032,128	11,874,637
SHELLFISH (MEATS)			
AMS, BUTTER, LOCAL		17,067	4,147
MS, LITTLE NECK, LOCAL.		131,697	40,958
MS, RAZOR, LOCAL.		5,903	1,576
MS, UNCLASSIFIED, BRITISH COLUMBIA.		123,187	33,260
TOTAL CLAMS.		277,854	79,941
AM MEAT, LOCAL		2,370	948
AM MEAT, BRITISH COLUMBIA.		15,913	6,524
TOTAL CLAM MEAT.		18,283	7,472
ABS, DUNGENESS, LOCAL, IN SHELL.		1,307,720	241,928
ABS, ALASKA, FROZEN.		1,225	208
ABS, BRITISH COLUMBIA.		17,802	3,026
TOTAL CRABS.		1,326,747	245,162
AB MEAT, LOCAL		66,995	55,606
AB MEAT, ALASKA, FROZEN.		54,541	43,633
AB MEAT, BRITISH COLUMBIA.		1,015	812
TOTAL CRAB MEAT.		122,551	100,051
OBSTER, CALIFORNIA.		12,681	6,975
OBSTER, MEXICO.		36,337	19,985
OBSTER, SOUTH AFRICA.		840	546
TOTAL LOBSTER.		49,858	27,506

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(CONTINUED ON NEXT PAGE)

FISHERY PRODUCTS RECEIVED BY SEATTLE WHOLESALE DEALERS, 1948 - Continued

ITEMS	POUNDS	APPROXIMATE VALUE
SHELLFISH (MEATS) - CONTINUED		
OCTOPUS, LOCAL	14,181	$709
OYSTERS, EASTERN SHUCKED	2,807	2,647
OYSTERS, OLYMPIA, LOCAL, SHUCKED	13,913	31,861
OYSTERS, PACIFIC, LOCAL, SHUCKED	2,131,202	916,417
TOTAL OYSTERS	2,147,922	950,925
SCALLOPS, BAY, LOCAL, SHUCKED	13,997	9,714
SCALLOPS, BAY, NOVA SCOTIA, FROZEN	40,620	16,248
SCALLOPS, BAY, JAPAN, FROZEN	41,600	14,560
TOTAL SCALLOPS	96,217	40,522
SHRIMP, LOCAL	17,035	4,685
SHRIMP, MEXICO	8,102	4,456
SHRIMP, GULF	6,700	4,020
SHRIMP, GULF, FROZEN	41,970	25,182
SHRIMP, ALASKA FROZEN	27,100	14,905
TOTAL SHRIMP	100,907	53,248
SHRIMP MEAT, GULF	19,650	15,189
SHRIMP MEAT, GULF, FROZEN	2,000	1,546
SHRIMP MEAT, ALASKA, FROZEN	338,266	230,021
TOTAL SHRIMP MEAT	359,916	246,756
SQUID, LOCAL	70	6
SQUID, CALIFORNIA	42,830	3,855
TOTAL SQUID	42,900	3,861
UNCLASSIFIED, BRITISH COLUMBIA	310	133
UNCLASSIFIED, BRITISH COLUMBIA, FROZEN	190	13
TOTAL UNCLASSIFIED	500	146
ALL SHELLFISH		
FRESH, LOCAL	3,722,150	1,308,555
FRESH, BRITISH COLUMBIA	158,227	43,755
FRESH, OTHER	129,947	57,673
TOTAL FRESH	4,010,324	1,409,983
FROZEN, ALASKA	421,132	288,767
FROZEN, BRITISH COLUMBIA	190	13
FROZEN, OTHER	126,190	57,536
TOTAL FROZEN	547,512	346,316
TOTAL FRESH AND FROZEN SHELLFISH	4,557,836	1,756,299
ALL FISH AND SHELLFISH		
FRESH	53,761,194	9,298,429
FROZEN	25,828,770	4,332,507
TOTAL FRESH AND FROZEN FISH AND SHELLFISH	79,589,964	13,630,936
LIVERS AND VISCERA		
GRAYFISH (DOGFISH), LOCAL	1,496,371	710,431
GRAYFISH (DOGFISH), ALASKA, FROZEN	21,799	10,834
HALIBUT AND VISCERA	761,843	814,954
LINGCOD, LOCAL	147,396	149,319
SABLEFISH AND VISCERA, ALASKA, FROZEN	202,678	188,085
SOUPFIN SHARK, LOCAL	71,547	440,014
UNCLASSIFIED, LOCAL	779,361	545,553
UNCLASSIFIED, ALASKA, FROZEN	30,235	9,071
TOTAL LIVERS AND VISCERA	3,511,230	2,868,261
GRAND TOTAL ALL FISH, SHELLFISH, LIVERS AND VISCERA	83,101,194	16,499,197

1/ 22,500 POUNDS ORIGINATED IN PRINCE EDWARD ISLAND.

2/ INCLUDES 92,879 POUNDS OF WHITEFISH; 25,857 POUNDS OF LAKE TROUT; AND 21,721 POUNDS OF INCONNU CAUGHT IN ALBERTA AND SHIPPED VIA BRITISH COLUMBIA DURING THE PERIOD JANUARY THROUGH MARCH.

SECTION 8.- LAKE FISHERIES [9]

uring 1948, the commercial catch of fish by United States fishermen in the Great s and the International Lakes of Northern Minnesota amounted to 83,959,000 pounds, ed at $12,689,582 to the fishermen. This represented an increase of 20 percent in tity and 18 percent in value over the previous year. In addition, the Canadian h in these lakes amounted to 25,071,659 pounds. Lake Erie was the leading producer, United States fishermen taking 26,501,600 pounds and Canadian fishermen, 15,177,300 ds. Lake Michigan was second in production with 27,022,800 pounds, the entire nt being taken by United States fishermen.

he State of Michigan was again the leading producer with a catch of 30,136,700 ds, followed by Ohio, with 21,796,100 pounds.

he leading species in the United States catch were lake herring, 24,370,600 pounds, ncrease of 6,617,200 pounds over the previous year; whitefish 12,250,100 pounds, an ease of 618,900 over the 1947 production, and the largest catch on record; blue , 9,121,500 pounds; and chubs 6,297,700 pounds. The 1948 catch of lake trout, 4,700 pounds, was the smallest since 1913, when continuous records first became lable. The consistent decrease in lake trout production is believed to have been ially caused by the sea lamprey which has caused heavy mortality on the lake trout lation in the Great Lakes.

he most recent data available on operating units employed in the fisheries of the t Lakes and the International Lakes of Northern Minnesota are for 1940. In that , 5,142 United States fishermen were employed. If the lakes fisheries have followed same trend as the fisheries of other areas, it may be assumed that the number of ermen employed was considerably greater for 1948.

he last complete survey of the fishery transporting, wholesaling, and manufacturing stries was made for 1940. In that year, 33 men were employed on 11 vessels oper- in the transporting trade, and 3,030 persons were employed in the wholesale and facturing establishments. The latter employees received $2,842,680 in salaries and s in 1940. Detailed statistics on these branches of the industry for 1940 can be d in 'Fishery Statistics of the United States, 1944' (Statistical Digest No. 16), n the Digest for the years from 1940 to 1943 inclusive.

e following tables contain a summary of the United States and Canadian catch in the Lakes and International Lakes of Northern Minnesota as well as detailed data on nited States catch in these waters by individual States and Lakes and according to of capture. Condensed summary data on the catch by states of the Lake Fisheries been previously published in Current Fishery Statistics No. 571. Historical data e fisheries of the Great Lakes can be found in the Report of the International of Inquiry for the Great Lakes, which can be purchased from the Superintendent of ents, Washington 25, D. C.

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he statistics of the catch were obtained principally from records of the various e agencies and from the Dominion Bureau of Statistics, Ottawa, Canada. In all s, the statistics collected are for the calendar year except for Rainy Lake, Lake he Woods, and Namaken Lake in Minnesota, which are for two seasons; for Lake of the s, the seasons are from June 1 to November 1 and December 1 to April 1 and for y and Namakan Lakes the seasons are from May 15 to November 1 and December 1 to 1 1. The catches for these two seasons, in the order named, have been combined to titute a year. The quantity of fish taken in these Lakes between January 1 and 1 1 is estimated to be less than 3 percent of the total catch.

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1948

SPECIES	LAKE ONTARIO			LAKE ERIE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BLUE PIKE	118,900	35,200	154,100	9,002,600	5,832,300	14,834,9
BOWFIN	-	(1)	-	8,100	(1)	8,1
BUFFALOFISH	-	(1)	-	5,000	(1)	5,0
BULLHEADS	62,600	(1)	62,600	154,800	(1)	154,8
BURBOT	-	(1)	-	358,500	(1)	358,5
CARP	20,800	148,500	169,300	1,595,900	110,600	1,706,5
CATFISH	300	568,200	568,500	653,300	167,500	820,8
CHUBS	-	(1)	-	-	(1)	-
CISCO	49,800	(1)	49,800	213,200	(1)	213,2
EELS	17,400	38,500	55,900	-	800	8
GARFISH	(2)	(1)	-	-	(1)	-
GIZZARD SHAD	-	(1)	-	-	(1)	-
GOLDFISH	-	(1)	-	119,600	(1)	119,6
LAKE HERRING	-	284,700	284,700	-	562,900	562,9
LAKE TROUT	300	32,200	32,500	(2)	3,200	3,2
MOONEYE	-	(1)	-	6,500	(1)	6,5
PIKE OR PICKEREL (JACKS)	7,700	23,900	31,600	10,900	4,500	15,4
QUILLBACK	-	(1)	-	-	(1)	-
ROCK BASS	21,500	(1)	21,500	7,900	(1)	7,9
SAUGER	-	1,000	1,000	250,200	182,500	432,7
SHEEPSHEAD	(2)	(1)	-	3,675,800	(1)	3,675,8
SMELT	-	(1)	-	-	(1)	-
STURGEON	2,600	2,800	5,400	21,900	16,700	38,6
SUCKER "MULLET"	18,400	(1)	18,400	468,800	(1)	468,8
SUNFISH	13,200	(1)	13,200	-	(1)	-
TULLIBEE	-	99,100	99,100	-	100	1
WHITE BASS	(2)	(1)	-	498,400	(1)	498,4
WHITEFISH:						
COMMON	8,200	210,600	218,800	2,789,400	3,808,800	6,598,2
MENOMINEE	-	(1)	-	-	(1)	-
YELLOW PERCH	41,500	122,500	164,000	2,639,500	1,877,300	4,516,8
YELLOW PIKE	2,300	38,200	40,500	4,021,300	802,300	4,823,6
CRAWFISH	-	(1)	-	-	(1)	-
UNCLASSIFIED	-	261,300	261,300	-	1,807,800	1,807,8
TOTAL	385,500	1,866,700	2,252,200	26,501,600	15,177,300	41,678,9

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
BLUE PIKE	-	(1)	-	-	-	(1)	-
BOWFIN	10,200	(1)	10,200	(2)	-	(1)	-
BUFFALOFISH	-	(1)	-	-	-	(1)	-
BULLHEADS	54,200	(1)	54,200	115,100	-	(1)	-
BURBOT	500	(1)	500	87,800	1,900	(1)	1,900
CARP	1,458,900	42,800	1,501,700	1,095,100	(2)	1,000	1,000
CATFISH	193,500	27,000	220,500	26,300	-	300	300
CHUBS	158,800	(1)	158,800	5,929,000	209,900	(1)	209,900
CISCO	-	(1)	-	-	-	(1)	-
EELS	-	(1)	-	-	-	(1)	-
GARFISH	-	(1)	-	(2)	-	(1)	-
GIZZARD SHAD	29,400	(1)	29,400	-	-	(1)	-
GOLDFISH	-	(1)	-	-	-	(1)	-
LAKE HERRING	1,636,400	150,700	1,787,100	8,029,000	14,705,200	1,027,300	15,732,500
LAKE TROUT	4,000	327,200	331,200	1,196,700	2,953,700	1,452,600	4,406,300
MOONEYE	-	(1)	-	-	-	(1)	-
PIKE OR PICKEREL (JACKS)	46,300	59,600	105,900	34,800	1,500	2,900	4,400
QUILLBACK	-	(1)	-	-	-	(1)	-
ROCK BASS	15,900	(1)	15,900	1,400	-	(1)	-
SAUGER	2,300	4,000	6,300	200	100	8,200	8,300
SHEEPSHEAD	4,000	(1)	4,000	57,400	-	(1)	-
SMELT	500	(1)	500	1,131,100	1,000	(1)	1,000
STURGEON	-	11,800	11,800	-	-	3,000	3,000
SUCKER "MULLET"	1,304,600	(1)	1,304,600	1,805,500	82,500	(1)	82,500
SUNFISH	-	(1)	-	-	-	(1)	-
TULLIBEE	-	349,300	349,300	-	-	91,500	91,500
WHITE BASS	(2)	(1)	-	-	-	(1)	-
WHITEFISH:							
COMMON	2,971,900	920,700	3,892,600	5,247,200	1,200,600	305,100	1,505,700
MENOMINEE	26,100	(1)	26,100	109,700	24,000	(1)	24,000
YELLOW PERCH	693,900	126,500	820,400	1,513,300	5,400	900	6,300
YELLOW PIKE	224,800	446,600	671,400	636,000	35,600	110,800	146,400
CRAWFISH	-	(1)	-	7,200	(2)	(1)	-
UNCLASSIFIED	-	401,100	401,100	-	-	124,500	124,500
TOTAL	8,836,200	2,867,300	11,703,500	27,022,800	19,221,400	3,128,100	22,349,500

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

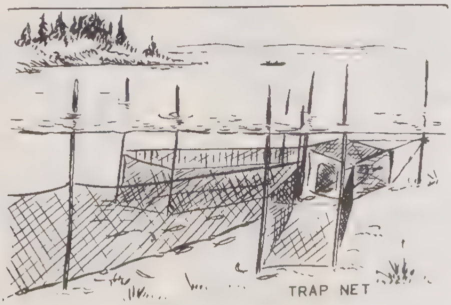
SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1948 - Continued

SPECIES	NAMAKAN LAKE			RAINY LAKE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
T	4,700	-	4,700	10,400	-	10,400
	-	3,000	3,000	-	50,219	50,219
OR PICKEREL (JACKS)	-	1,360	1,360	11,000	114,562	125,562
R	-	-	-	(2)	-	-
EON	-	312	312	-	248	248
R "MULLET"	3,200	-	3,200	24,400	-	24,400
SH.	-	4,500	4,500	-	169,332	169,332
BEE	8,700	-	8,700	33,900	-	33,900
FISH, COMMON.	9,200	1,900	11,100	18,500	48,180	66,680
W PERCH	-	-	-	500	3,298	3,798
W PIKE.	-	1,945	1,945	25,300	156,606	181,906
TOTAL.	25,800	13,017	38,817	124,000	542,445	666,445

SPECIES	LAKE OF THE WOODS			TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
PIKE.	-	(1)	-	9,121,500	5,867,500	14,989,000
N	-	(1)	-	18,300	(1)	18,300
LOFISH.	-	(1)	-	5,000	(1)	5,000
EADS.	22,200	(1)	22,200	408,900	(1)	408,900
T	211,100	(1)	211,100	674,900	(1)	674,900
	6,800	1,450	8,250	4,177,500	304,350	4,481,850
SH.	-	26,761	26,761	873,400	789,761	1,663,161
	-	18,527	18,527	6,297,700	71,746	6,369,446
	-	(1)	-	263,000	(1)	263,000
	-	(1)	-	17,400	39,300	56,700
SH.	-	(1)	-	(2)	(1)	-
D SHAD	-	(1)	-	29,400	(1)	29,400
ISH	-	(1)	-	119,600	(1)	119,600
HERRING	-	(1)	-	24,370,600	2,025,600	26,396,200
TROUT	-	1,321	1,321	4,154,700	1,816,521	5,971,221
YE.	-	-	-	6,500	(1)	6,500
R PICKEREL (JACKS)	63,200	319,982	383,182	175,400	526,804	702,204
ACK.	-	(1)	-	-	(1)	-
ASS.	-	(1)	-	46,700	(1)	46,700
	74,000	(1)	74,000	326,800	195,700	522,500
HEAD	-	(1)	-	3,737,200	(1)	3,737,200
	-	(1)	-	1,132,600	(1)	1,132,600
ON	-	39	39	24,500	34,899	59,399
"MULLET".	68,800	(1)	68,800	3,776,200	(1)	3,776,200
H.	-	175,901	175,901	13,200	349,733	362,933
E	1,062,900	111,500	1,174,400	1,105,500	651,500	1,757,000
BASS	-	(1)	-	498,400	(1)	498,400
SH:						
N	5,100	120,503	125,603	12,250,100	5,415,783	17,665,883
INEE.	-	(1)	-	159,800	(1)	159,800
PERCH	24,500	20,737	45,237	4,918,600	2,151,235	7,069,835
PIKE.	303,100	661,976	965,076	5,248,400	2,218,427	7,466,827
SH	-	(1)	-	7,200	(1)	7,200
SSIFIED	-	18,100	18,100	-	2,612,800	2,612,800
TOTAL.	1,841,700	1,476,797	3,318,497	83,959,000	25,071,659	109,030,659

HERE THERE IS A CANADIAN CATCH OF THESE SPECIES, IT IS SHOWN UNDER "UNCLASSIFIED"

LESS THAN 50 POUNDS.



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UNITED STATES: CATCH BY STATES, 1948

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	671,900	$86,357	1,472,800	$222,424	6,957,100	$904,423
BUFFALOFISH	-	-	-	-	5,000	900
BULLHEADS	62,600	13,897	-	-	103,600	12,950
BURBOT	6,200	110	300	16	351,900	7,202
CARP	21,800	644	2,000	35	1,059,000	73,93
CATFISH	1,000	152	200	22	625,300	137,48
CISCO	68,800	16,067	99,700	29,921	94,500	30,25
EELS	17,400	1,494	-	-	-	-
GARFISH	(1)	(1)	-	-	-	-
GOLDFISH	-	-	-	-	118,900	5,94
LAKE TROUT	300	99	(1)	4	(1)	5
MOONEYE	-	-	-	-	6,500	32
PIKE OR PICKEREL (JACKS)	7,700	748	-	-	500	6
ROCK BASS	21,500	1,247	-	-	-	-
SAUGER	-	-	-	-	245,800	41,78
SHEEPSHEAD	(1)	8	8,200	341	3,587,300	179,57
STURGEON	2,700	3,125	100	30	21,700	21,70
SUCKER "MULLET"	20,800	999	3,100	101	421,600	21,00
SUNFISH	13,200	1,023	-	-	-	-
WHITE BASS	7,700	703	10,100	1,047	447,700	79,69
WHITEFISH, COMMON	309,700	11,519	861,900	256,310	1,616,500	550,17
YELLOW PERCH	71,800	8,764	62,100	9,159	2,529,600	376,58
YELLOW PIKE	3,800	1,175	13,300	2,880	3,603,600	895,83
TOTAL	1,308,900	148,131	2,533,800	522,290	21,796,100	3,339,83

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	19,700	$4,913	-	-	-	-
BOWFIN	18,300	705	-	-	-	-
BULLHEADS	114,500	14,136	-	-	-	-
BURBOT	13,300	602	-	-	-	-
CARP	2,055,900	72,761	-	-	-	-
CATFISH	221,500	51,090	-	-	-	-
CHUBS	2,257,200	451,770	-	-	1,316,800	$289,69
GARFISH	(1)	(1)	-	-	-	-
GIZZARD SHAD	29,400	294	-	-	-	-
GOLDFISH	700	21	-	-	-	-
LAKE HERRING	9,038,300	370,274	8,000	$800	42,900	7,08
LAKE TROUT	2,754,400	1,100,693	-	-	65,300	35,93
PIKE OR PICKEREL (JACKS)	73,800	8,300	-	-	-	-
ROCK BASS	25,200	3,405	-	-	-	-
SAUGER	7,000	1,909	-	-	-	-
SHEEPSHEAD	90,800	3,732	-	-	-	-
SMELT	627,300	111,950	-	-	-	-
SUCKER "MULLET"	2,645,600	146,920	300	15	-	-
WHITE BASS	32,900	4,297	-	-	-	-
WHITEFISH:						
COMMON	7,721,400	2,312,743	-	-	-	-
MENOMINEE	144,200	23,406	-	-	-	-
YELLOW PERCH	1,015,700	160,922	16,000	1,600	194,700	42,82
YELLOW PIKE	1,229,600	330,300	(1)	9	-	-
TOTAL	30,136,700	5,175,143	24,300	2,424	1,619,700	375,52

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	-	-	9,121,500	$1,218,11
BOWFIN	-	-	-	-	18,300	70
BUFFALOFISH	-	-	-	-	5,000	90
BULLHEADS	106,000	$7,415	22,200	$4,099	408,900	52,49
BURBOT	77,000	1,541	226,200	7,240	674,900	16,71
CARP	1,032,000	41,281	6,800	375	4,177,500	189,03
CATFISH	25,400	3,548	-	-	873,400	192,29
CHUBS	2,692,600	508,129	31,100	6,942	6,297,700	1,256,53
CISCO	-	-	-	-	263,000	76,24
EELS	-	-	-	-	17,400	1,49
GARFISH	-	-	-	-	(1)	(1)
GIZZARD SHAD	-	-	-	-	29,400	29
GOLDFISH	-	-	-	-	119,600	5,96
LAKE HERRING	11,391,200	569,562	3,890,200	228,556	24,370,600	1,176,27
LAKE TROUT	1,095,200	524,732	239,500	91,861	4,154,700	1,753,32
MOONEYE	-	-	-	-	6,500	32
PIKE OR PICKEREL (JACKS)	19,200	2,683	74,200	7,879	175,400	19,67

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY STATES, 1948 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BASS	-	-	-	-	46,700	$4,652
R	-	-	74,000	$10,309	326,800	53,999
SHEAD	50,900	$3,564	-	-	3,737,200	187,217
	505,300	65,689	-	-	1,132,600	177,639
ON	-	-	-	-	24,500	24,855
R "MULLET"	588,400	35,302	96,400	3,298	3,776,200	207,635
SH	-	-	-	-	13,200	1,023
BEE	-	-	1,105,500	103,809	1,105,500	103,809
BASS	-	-	-	-	498,400	85,740
FISH:						
MMON	1,697,000	642,640	43,600	10,536	12,250,100	3,783,922
HOMINEE	10,700	1,070	4,900	739	159,800	25,215
OW PERCH	1,003,700	150,544	25,000	4,140	4,918,600	754,540
OW PIKE	69,700	17,419	328,400	69,163	5,248,400	1,316,781
ISH	7,200	2,171	-	-	7,200	2,171
TOTAL	20,371,500	2,577,290	6,168,000	548,946	83,959,000	12,689,582

ESS THAN 50 POUNDS OR 50 CENTS.

UNITED STATES: CATCH BY LAKES, 1948

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PIKE	118,900	$24,165	553,000	$62,192	1,472,800	$222,424
EADS	62,600	13,897	-	-	-	-
	-	-	6,200	110	300	16
	20,800	583	1,000	61	2,000	35
SH	300	26	700	126	200	22
	49,800	10,282	19,000	5,785	99,700	29,921
	17,400	1,494	-	-	-	-
SH	(1)	(1)	-	-	-	-
TROUT	300	99	-	-	(1)	4
R PICKEREL (JACKS)	7,700	748	-	-	-	-
BASS	21,500	1,247	-	-	-	-
SHEAD	(1)	4	(1)	4	8,200	341
ON	2,600	3,037	100	88	100	30
"MULLET"	18,400	893	2,400	106	3,100	101
SH	13,200	1,023	-	-	-	-
BASS	(1)	5	7,700	698	10,100	1,047
ISH, COMMON	8,200	2,186	301,500	9,333	861,900	256,310
PERCH	41,500	4,566	30,300	4,198	62,100	9,159
PIKE	2,300	653	1,500	522	13,300	2,880
TOTAL	385,500	64,908	923,400	83,223	2,533,800	522,290

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PIKE	6,957,100	$904,423	19,700	$4,913	9,002,600	$1,193,952
IN	-	-	8,100	404	8,100	404
ALOFISH	5,000	900	-	-	5,000	900
HEADS	103,600	12,950	51,200	6,782	154,800	19,732
OT	351,900	7,202	100	8	358,500	7,336
	1,059,000	73,938	533,900	16,486	1,595,900	90,520
ISH	625,300	137,485	27,100	5,174	653,300	142,807
O	94,500	30,252	-	-	213,200	65,958
FISH	118,900	5,945	700	21	119,600	5,966
TROUT	(1)	5	-	-	(1)	9
EYE	6,500	325	-	-	6,500	325
OR PICKEREL (JACKS)	500	62	10,400	1,247	10,900	1,309
BASS	-	-	7,900	1,404	7,900	1,404
ER	245,800	41,781	4,400	1,345	250,200	43,126
PSHEAD	3,587,300	179,572	80,300	2,991	3,675,800	182,908
GEON	21,700	21,700	-	-	21,900	21,818
ER "MULLET"	421,600	21,000	41,700	1,722	468,800	22,929
E BASS	447,700	79,693	32,900	4,297	498,400	85,735
EFISH, COMMON	1,616,500	550,174	9,500	2,250	2,789,400	818,067
OW PERCH	2,529,600	376,589	17,500	4,284	2,639,500	394,230
OW PIKE	3,603,600	895,835	402,900	103,201	4,021,300	1,002,438
TOTAL	21,796,100	3,339,831	1,248,300	156,529	26,501,600	4,101,873

FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKES, 1948 - Continued

SPECIES	LAKE HURON		LAKE MICHIGAN 2/			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	10,200	$301	(1)	(1)	-	-
BULLHEADS	54,200	6,142	9,100	$1,212	-	-
BURBOT	500	21	11,700	553	-	-
CARP	1,458,900	53,483	63,100	2,792	-	-
CATFISH	193,500	45,663	900	253	-	-
CHUBS	158,800	40,402	2,083,400	408,980	-	-
GARFISH	-	-	(1)	(1)	-	-
GIZZARD SHAD	29,400	294	-	-	-	-
LAKE HERRING	1,636,400	89,034	2,877,800	128,062	8,000	$800
LAKE TROUT	4,000	1,695	589,200	249,299	-	-
PIKE OR PICKEREL (JACKS)	46,300	4,902	17,100	2,151	-	-
ROCK BASS	15,900	1,878	1,400	123	-	-
SAUGER	2,300	505	200	34	-	-
SHEEPSHEAD	4,000	200	6,500	541	-	-
SMELT	500	28	626,800	111,919	-	-
SUCKER "MULLET"	1,304,600	73,953	1,249,100	69,258	300	15
WHITE BASS	(1)	(1)	-	-	-	-
WHITEFISH:						
COMMON	2,971,900	882,608	4,262,700	1,313,331	-	-
MENOMINEE	26,100	5,016	101,100	16,156	-	-
YELLOW PERCH	693,900	96,482	299,000	59,469	16,000	1,600
YELLOW PIKE	224,800	59,018	599,800	167,532	(1)	9
TOTAL	8,836,200	1,361,625	12,798,900	2,531,665	24,300	2,424

SPECIES	LAKE MICHIGAN 2/ - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	(1)	(1)
BULLHEADS	-	-	106,000	$7,415	115,100	$8,627
BURBOT	-	-	76,100	1,522	87,800	2,075
CARP	-	-	1,032,000	41,280	1,095,100	44,072
CATFISH	-	-	25,400	3,548	26,300	3,801
CHUBS	1,316,800	$289,690	2,528,800	477,006	5,929,000	1,175,676
GARFISH	-	-	-	-	(1)	(1)
LAKE HERRING	42,900	7,083	5,100,300	255,017	8,029,000	390,962
LAKE TROUT	65,300	35,932	542,200	259,311	1,196,700	544,542
PIKE OR PICKEREL (JACKS)	-	-	17,700	2,469	34,800	4,620
ROCK BASS	-	-	-	-	1,400	123
SAUGER	-	-	-	-	200	34
SHEEPSHEAD	-	-	50,900	3,564	57,400	4,105
SMELT	-	-	504,300	65,562	1,131,100	177,481
SUCKER "MULLET"	-	-	556,100	33,364	1,805,500	102,637
WHITEFISH:						
COMMON	-	-	984,500	374,070	5,247,200	1,687,401
MENOMINEE	-	-	8,600	859	109,700	17,015
YELLOW PERCH	194,700	42,822	1,003,600	150,536	1,513,300	254,427
YELLOW PIKE	-	-	36,200	9,053	636,000	176,594
CRAWFISH	-	-	7,200	2,170	7,200	2,170
TOTAL	1,619,700	375,527	12,579,900	1,686,746	27,022,800	4,596,362

SPECIES	LAKE SUPERIOR					
	MICHIGAN		WISCONSIN		MINNESOTA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	1,000	$20	900	$19	-	-
CARP	(1)	(1)	(1)	1	-	-
CHUBS	15,000	2,388	163,800	31,123	31,100	$6,942
LAKE HERRING	4,524,100	153,178	6,290,900	314,545	3,890,200	228,556
LAKE TROUT	2,161,200	849,699	553,000	265,421	239,500	91,861
PIKE OR PICKEREL (JACKS)	-	-	1,500	214	-	-
SAUGER	100	25	-	-	-	-
SMELT	(1)	3	1,000	127	-	-
SUCKER "MULLET"	50,200	1,987	32,300	1,938	-	-
WHITEFISH:						
COMMON	477,300	114,554	712,500	268,570	10,800	3,333
MENOMINEE	17,000	2,234	2,100	211	4,900	739
YELLOW PERCH	5,300	687	100	8	-	-
YELLOW PIKE	2,100	549	33,500	8,366	-	-
CRAWFISH	-	-	(1)	1	-	-
TOTAL	7,253,300	1,125,324	7,791,600	890,544	4,176,500	331,431

SEE FOOTNOTES AT END OF TABLE

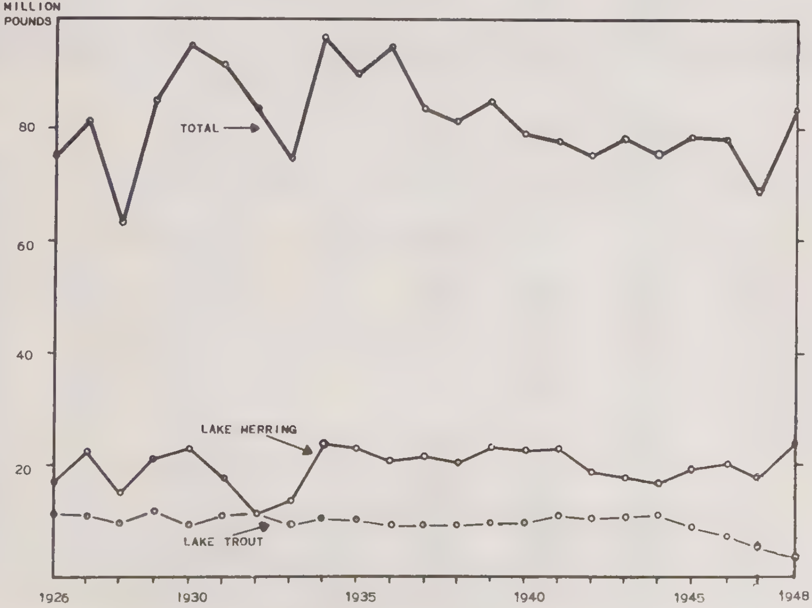
(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKES, 1948 - Continued

SPECIES	LAKE SUPERIOR - CONT'D. TOTAL		LAKE OF THE WOODS, RAINY LAKE, AND NAMAKAN LAKE		TOTAL, ALL LAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PIKE.	-	-	-	-	9,121,500	$1,218,117
IN	-	-	-	-	18,300	705
ALOFISH.	-	-	-	-	5,000	900
HEADS.	-	-	22,200	$4,099	408,900	52,497
OT	1,900	$39	226,200	7,240	674,900	16,711
. . . .	(1)	1	6,800	375	4,177,500	189,034
ISH.	-	-	-	-	873,400	192,297
S.	209,900	40,453	-	-	6,297,700	1,256,531
O.	-	-	-	-	263,000	76,240
. . . .	-	-	-	-	17,400	1,494
ISH.	-	-	-	-	(1)	(1)
ARD SHAD	-	-	-	-	29,400	294
FISH	-	-	-	-	119,600	5,966
HERRING	14,705,200	696,279	-	-	24,370,600	1,176,275
TROUT	2,953,700	1,206,981	-	-	4,154,700	1,753,326
EYE.	-	-	-	-	6,500	325
OR PICKEREL (JACKS) . .	1,500	214	74,200	7,879	175,400	19,672
BASS.	-	-	-	-	46,700	4,652
ER	100	25	74,000	10,309	326,800	53,999
PSHEAD	-	-	-	-	3,737,200	187,217
T.	1,000	130	-	-	1,132,600	177,639
GEON	-	-	-	-	24,500	24,855
ER "MULLET".	82,500	3,925	96,400	3,298	3,776,200	207,635
ISH.	-	-	-	-	13,200	1,023
IBEE	-	-	1,105,500	103,809	1,105,500	103,809
E BASS	-	-	-	-	498,400	85,740
EFISH:						
MMON	1,200,600	386,457	32,800	7,203	12,250,100	3,783,922
NOMINEE.	24,000	3,184	-	-	159,800	25,215
OW PERCH	5,400	695	25,000	4,140	4,918,600	754,540
OW PIKE.	35,600	8,915	328,400	69,163	5,248,400	1,316,781
ISH	(1)	1	-	-	7,200	2,171
TOTAL.	19,221,400	2,347,299	1,991,500	217,515	83,959,000	12,689,582

LESS THAN 50 POUNDS OR 50 CENTS.
PRODUCTION ESTIMATED FROM PARTIAL INFORMATION.

LAKES CATCH, 1926 - 1948



UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948

SPECIES	LAKE ONTARIO							
	NEW YORK							
	GILL NETS		TRAP NETS		FYKE NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
BLUE PIKE	111,300	$22,282	6,800	$1,683	800	$200	118,900	$24,1
BULLHEADS	10,600	2,765	29,800	6,347	22,200	4,785	62,600	13,8
CARP	4,000	90	14,800	433	2,000	60	20,800	5
CATFISH	-	-	300	26	-	-	300	
CISCO	49,300	10,205	500	77	-	-	49,800	10,2
EELS	6,000	600	9,700	741	1,700	153	17,400	1,4
GARFISH	-	-	(1)	(1)	-	-	(1)	(1)
LAKE TROUT	300	99	-	-	-	-	300	
PIKE OR PICKEREL (JACKS)	700	75	5,800	538	1,200	135	7,700	7
ROCK BASS	7,400	516	13,800	707	300	24	21,500	1,2
SHEEPSHEAD	(1)	3	(1)	1	-	-	(1)	
STURGEON	2,200	2,624	400	413	-	-	2,600	3,0
SUCKER "MULLET"	8,000	561	8,600	269	1,800	63	18,400	8
SUNFISH	2,100	209	10,600	778	500	36	13,200	1,0
WHITE BASS	-	-	(1)	5	-	-	(1)	
WHITEFISH, COMMON	7,600	1,998	600	188	-	-	8,200	2,1
YELLOW PERCH	29,000	3,505	11,000	952	1,500	109	41,500	4,5
YELLOW PIKE	1,300	377	1,000	276	-	-	2,300	6
TOTAL	239,800	45,909	113,700	13,434	32,000	5,565	385,500	64,9

SPECIES	LAKE ERIE							
	NEW YORK						PENNSYLVANIA	
	GILL NETS		TRAP NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
BLUE PIKE	549,000	$61,744	4,000	$448	553,000	$62,192	1,445,000	$218,5
BURBOT	2,700	68	3,500	42	6,200	110	300	
CARP	(1)	1	1,000	60	1,000	61	-	-
CATFISH	200	31	500	95	700	126	-	-
CISCO	19,000	5,785	-	-	19,000	5,785	99,300	29,8
SHEEPSHEAD	(1)	4	-	-	(1)	4	2,400	2
STURGEON	100	88	-	-	100	88	-	-
SUCKER "MULLET"	2,400	106	-	-	2,400	106	1,600	
WHITE BASS	7,700	698	-	-	7,700	698	4,900	4
WHITEFISH, COMMON	301,500	9,333	-	-	301,500	9,333	814,000	242,8
YELLOW PERCH	29,800	4,129	500	69	30,300	4,198	49,200	7,3
YELLOW PIKE	1,300	470	200	52	1,500	522	2,800	4
TOTAL	913,700	82,457	9,700	766	923,400	83,223	2,419,500	499,8

SPECIES	LAKE ERIE - CONTINUED							
	PENNSYLVANIA - CONTINUED				OHIO			
	POUND NETS		TOTAL		GILL NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
BLUE PIKE	27,800	$3,895	1,472,800	$222,424	230,200	$29,926	6,726,400	$874,4
BULLHEADS	-	-	-	-	400	50	47,600	5,9
BURBOT	-	-	300	16	16,400	492	335,300	6,7
CARP	2,000	35	2,000	35	19,200	1,152	201,200	14,0
CATFISH	200	22	200	22	2,700	513	315,600	69,4
CISCO	400	112	99,700	29,921	66,800	21,376	27,700	8,8
GOLDFISH	-	-	-	-	-	-	8,900	4
LAKE TROUT	(1)	4	(1)	4	-	-	(1)	
MOONEYE	-	-	-	-	-	-	1,100	
PIKE OR PICKEREL (JACKS)	-	-	-	-	-	-	100	
SAUGER	-	-	-	-	82,100	12,315	143,700	25,8
SHEEPSHEAD	5,800	117	8,200	341	4,600	437	2,595,100	129,7
STURGEON	100	30	100	30	19,400	19,400	1,800	1,8
SUCKER "MULLET"	1,500	45	3,100	101	5,400	189	405,600	20,2
WHITE BASS	5,200	573	10,100	1,047	10,300	978	284,800	51,2
WHITEFISH, COMMON	47,900	13,420	861,900	256,310	346,700	105,744	1,256,000	439,6
YELLOW PERCH	12,900	1,811	62,100	9,159	570,100	82,664	1,953,900	293,0
YELLOW PIKE	10,500	2,412	13,300	2,880	101,300	20,260	3,363,200	840,8
TOTAL	114,300	22,476	2,533,800	522,290	1,475,600	295,496	17,668,000	2,782,4

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE ERIE - CONT'D.		LAKE HURON					
	MICHIGAN - CONT'D.		MICHIGAN					
	TOTAL		GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BASS	32,900	$4,297	-	-	-	-	(1)	(1)
ISH:								
MON	9,500	2,250	62,500	$18,562	27,500	$8,167	2,881,900	$855,879
OMINEE	-	-	24,700	4,745	(1)	4	1,400	267
W PERCH	17,500	4,284	31,700	4,408	3,300	459	560,100	77,878
W PIKE	402,900	103,201	5,200	1,365	500	131	178,700	46,916
TOTAL	1,248,300	156,529	400,800	75,830	226,900	19,548	6,529,700	1,162,149

SPECIES	LAKE HURON - CONTINUED							
	MICHIGAN - CONTINUED							
	FYKE NETS		HAUL SEINES		LINES, SET		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
N.	1,300	$38	300	$9	-	-	10,200	$301
EADS	17,200	1,949	8,100	917	(1)	$1	54,200	6,142
T.	-	-	(1)	(1)	-	-	500	21
	43,800	1,605	1,081,700	39,655	(1)	2	1,458,900	53,483
SH	2,200	519	53,800	12,696	15,400	3,634	193,500	45,663
	-	-	-	-	-	-	158,800	40,402
RD SHAD.	-	-	-	-	-	-	29,400	294
HERRING.	200	11	200	11	-	-	1,636,400	89,034
TROUT.	-	-	-	-	-	-	4,000	1,695
OR PICKEREL (JACKS).	5,600	593	4,400	466	-	-	46,300	4,902
ASS	5,000	590	500	59	-	-	15,900	1,878
R.	-	-	-	-	-	-	2,300	505
SHEAD.	(1)	(1)	-	-	-	-	4,000	200
	-	-	-	-	-	-	500	28
R "MULLET"	148,700	8,429	151,200	8,571	-	-	1,304,600	73,953
BASS.	-	-	-	-	-	-	(1)	(1)
FISH:								
ON.	-	-	-	-	-	-	2,971,900	882,608
INEE	-	-	-	-	-	-	26,100	5,016
PERCH.	77,400	10,762	20,500	2,850	900	125	693,900	96,482
PIKE	900	236	39,500	10,370	-	-	224,800	59,018
TOTAL	302,300	24,732	1,360,200	75,604	16,300	3,762	8,836,200	1,361,625

SPECIES	LAKE MICHIGAN							
	MICHIGAN							
	GILL NETS		POUND NETS		TRAP NETS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
N	-	-	-	-	-	-	(1)	(1)
DS	(1)	$1	100	$12	6,900	$919	2,100	$280
	8,500	402	900	43	2,100	99	200	9
	200	9	600	27	37,200	1,646	500	22
SH	-	-	100	28	700	197	100	28
	2,083,400	408,980	(1)	(1)	-	-	-	-
SH	(1)	(1)	-	-	-	-	-	-
HERRING.	1,721,900	76,624	1,145,100	50,957	10,300	459	500	22
TROUT.	574,400	243,037	11,400	4,823	2,500	1,058	600	254
OR PICKEREL (JACKS).	1,800	226	1,200	151	9,300	1,169	4,800	603
BASS	-	-	(1)	(1)	1,000	88	400	35
R.	100	17	(1)	(1)	100	17	-	-
SHEAD.	-	-	100	8	6,100	508	300	25
	204,100	36,443	422,700	75,476	-	-	-	-
R "MULLET"	333,300	18,480	78,700	4,364	807,600	44,778	29,300	1,625
FISH:								
MON.	2,593,900	799,176	1,557,800	479,956	111,000	34,199	-	-
OMINEE	99,000	15,820	800	128	1,300	208	-	-
W PERCH.	261,300	51,970	4,700	935	26,100	5,191	6,300	1,253
W PIKE	170,400	47,595	124,500	34,774	255,000	71,225	29,700	8,296
TOTAL	8,052,300	1,698,780	3,348,700	651,682	1,277,200	161,761	74,800	12,452

OOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONTINUED							
	HAUL SEINES		LINES, SET		LINES, TROLL		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP.	24,600	$1,088	-	-	-	-	-	-
LAKE TROUT.	-	-	300	$127	-	-	-	-
PIKE OR PICKEREL (JACKS).	-	-	-	-	-	-	(1)	$
SAUGER.	(1)	(1)	-	-	-	-	-	-
SUCKER "MULLET"	200	11	-	-	-	-	-	-
YELLOW PERCH.	-	-	500	100	100	$20	-	-
YELLOW PIKE	-	-	-	-	20,200	5,642	-	-
TOTAL	24,800	1,099	800	227	20,300	5,662	(1)	

SPECIES	LAKE MICHIGAN - CONTINUED							
	MICHIGAN - CONT'D.		INDIANA 2/		ILLINOIS		WISCONSIN	
	TOTAL		GILL NETS		GILL NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN.	(1)	(1)	-	-	-	-	-	-
BULLHEADS	9,100	$1,212	-	-	-	-	200	$1
BURBOT.	11,700	553	-	-	-	-	8,800	17
CARP.	63,100	2,792	-	-	-	-	2,100	8
CATFISH	900	253	-	-	-	-	100	1
CHUBS	2,083,400	408,980	-	-	1,316,800	$289,690	2,493,400	470,27
GARFISH	(1)	(1)	-	-	-	-	-	-
LAKE HERRING.	2,877,800	128,062	8,000	$800	42,900	7,083	1,626,000	81,30
LAKE TROUT.	589,200	249,299	-	-	65,300	35,932	413,000	197,28
PIKE OR PICKEREL (JACKS).	17,100	2,151	-	-	-	-	400	5
ROCK BASS	1,400	123	-	-	-	-	-	-
SAUGER.	200	34	-	-	-	-	-	-
SHEEPSHEAD.	6,500	541	-	-	-	-	500	3
SMELT	626,800	111,919	-	-	-	-	332,700	43,25
SUCKER "MULLET"	1,249,100	69,258	300	15	-	-	322,000	19,32
WHITEFISH:								
COMMON.	4,262,700	1,313,331	-	-	-	-	419,500	159,39
MENOMINEE	101,100	16,156	-	-	-	-	8,400	83
YELLOW PERCH.	299,000	59,469	16,000	1,600	194,700	42,822	366,300	54,94
YELLOW PIKE	599,800	167,532	(1)	9	-	-	2,000	49
TOTAL	12,798,900	2,531,665	24,300	2,424	1,619,700	375,527	5,995,400	1,027,48

SPECIES	LAKE MICHIGAN - CONTINUED							
	WISCONSIN - CONTINUED							
	POUND NETS		TRAP NETS		FYKE NETS		HAUL SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	300	$19	-	-	105,400	$7,377	100	$
BURBOT.	64,400	1,288	-	-	1,300	26	-	-
CARP.	1,000	38	-	-	134,100	5,362	893,700	35,75
CATFISH	500	63	-	-	2,800	387	22,000	3,08
CHUBS	35,300	6,705	-	-	-	-	100	2
LAKE HERRING.	3,412,500	170,625	-	-	61,800	3,089	-	-
LAKE TROUT.	108,300	51,976	-	-	-	-	-	-
PIKE OR PICKEREL (JACKS).	500	69	-	-	16,400	2,294	400	5
SHEEPSHEAD.	11,800	825	-	-	24,700	1,729	13,900	9
SMELT	171,500	22,302	-	-	100	10	-	-
SUCKER "MULLET"	28,100	1,686	-	-	200,700	12,042	4,700	28
WHITEFISH:								
COMMON.	562,300	213,662	-	-	1,800	678	900	33
MENOMINEE	200	22	-	-	(1)	(1)	-	-
YELLOW PERCH.	50,700	7,597	-	-	585,900	87,890	400	[illegible]
YELLOW PIKE	4,900	1,222	-	-	26,200	6,555	3,100	78
CRAWFISH.	-	-	7,200	$2,170	-	-	-	-
TOTAL	4,452,300	478,099	7,200	2,170	1,161,200	127,439	939,300	41,3

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED						LAKE SUPERIOR	
	WISCONSIN - CONTINUED						MICHIGAN	
	TRAMMEL NETS		LINES, SET		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EADS	-	-	-	-	106,000	$7,415	-	-
T	-	-	1,600	$32	76,100	1,522	300	$5
	1,100	$46	-	-	1,032,000	41,280	-	-
ISH	-	-	-	-	25,400	3,548	-	-
B	-	-	-	-	2,528,800	477,006	15,000	2,386
HERRING	-	-	-	-	5,100,300	255,017	4,490,000	152,023
TROUT	-	-	20,900	10,049	542,200	259,311	1,610,100	633,028
OR PICKEREL (JACKS)	-	-	-	-	17,700	2,469	-	-
ER	-	-	-	-	-	-	(1)	7
PSHEAD	-	-	-	-	50,900	3,564	-	-
T	-	-	-	-	504,300	65,562	(1)	3
ER "MULLET"	600	32	-	-	556,100	33,364	36,800	1,456
EFISH:								
MMON	-	-	-	-	984,500	374,070	198,200	47,568
NOMINEE	-	-	-	-	8,600	859	16,100	2,115
OW PERCH	-	-	300	50	1,003,600	150,536	5,200	671
OW PIKE	-	-	-	-	36,200	9,053	200	52
FISH	-	-	-	-	7,200	2,170	-	-
TOTAL	1,700	78	22,800	10,131	12,579,900	1,686,746	6,371,900	839,314

SPECIES	LAKE SUPERIOR - CONTINUED							
	MICHIGAN - CONTINUED							
	POUND NETS		TRAP NETS		FYKE NETS		HAUL SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OT	(1)	$1	-	-	(1)	(1)	-	-
	-	-	-	-	(1)	(1)	-	-
S	(1)	2	-	-	-	-	-	-
HERRING	12,800	434	-	-	-	-	21,300	$721
TROUT	21,900	8,610	4,300	$1,691	-	-	-	-
ER	-	-	100	16	(1)	$2	-	-
ER "MULLET"	8,800	348	2,400	95	2,200	87	(1)	1
FISH:								
MON	258,900	62,136	20,200	4,847	(1)	3	-	-
OMINEE	100	13	-	-	(1)	1	800	105
W PERCH	100	13	(1)	3	-	-	-	-
W PIKE	1,100	288	700	183	100	26	-	-
TOTAL	303,700	71,845	27,700	6,835	2,300	119	22,100	827

SPECIES	LAKE SUPERIOR - CONTINUED							
	MICHIGAN - CONTINUED							
	LINES, SET		LINES, TROLL		SPEARS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ET	700	$14	-	-	-	-	1,000	$20
	-	-	-	-	-	-	(1)	(1)
S	-	-	-	-	-	-	15,000	2,388
HERRING	-	-	-	-	-	-	4,524,100	153,178
TROUT	417,400	164,105	107,200	$42,147	300	$118	2,161,200	849,699
ER	-	-	-	-	-	-	100	25
T	-	-	-	-	-	-	(1)	3
KER "MULLET"	-	-	-	-	-	-	50,200	1,987
EFISH:								
OMMON	-	-	-	-	-	-	477,300	114,554
NOMINEE	-	-	-	-	-	-	17,000	2,234
LOW PERCH	-	-	-	-	-	-	5,300	687
LOW PIKE	-	-	-	-	-	-	2,100	549
TOTAL	418,100	164,119	107,200	42,147	300	118	7,253,300	1,125,324

FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE ERIE - CONTINUED							
	OHIO - CONTINUED							
	FYKE NETS		HAUL SEINES		BAR NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	100	$13	400	$52	-	-	6,957,100	$904,42
BUFFALOFISH	200	36	4,800	864	-	-	5,000	90
BULLHEADS	6,000	750	49,600	6,200	-	-	103,600	12,95
BURBOT.	(1)	(1)	200	4	-	-	351,900	7,20
CARP.	23,100	1,617	815,400	57,078	100	$7	1,059,000	73,93
CATFISH	4,200	924	302,800	66,616	(1)	(1)	625,300	137,48
CISCO	-	-	-	-	(1)	12	94,500	30,25
GOLDFISH.	-	-	110,000	5,500	-	-	118,900	5,94
LAKE TROUT.	-	-	-	-	-	-	(1)	
MOONEYE	-	-	5,400	270	-	-	6,500	32
PIKE OR PICKEREL (JACKS).	400	48	(1)	2	-	-	500	6
SAUGER.	400	72	19,600	3,528	-	-	245,800	41,78
SHEEPSHEAD.	25,400	1,270	962,200	48,110	-	-	3,587,300	179,57
STURGEON.	100	100	400	400	-	-	21,700	21,70
SUCKER "MULLET"	4,700	235	5,900	290	(1)	1	421,600	21,00
WHITE BASS.	19,000	3,420	133,600	24,048	(1)	1	447,700	79,69
WHITEFISH, COMMON	3,300	1,155	800	280	9,700	3,395	1,616,500	550,17
YELLOW PERCH.	1,700	255	3,900	585	-	-	2,529,600	376,58
YELLOW PIKE	55,700	13,925	83,200	20,800	200	50	3,603,600	895,83
TOTAL	144,300	23,820	2,498,200	234,627	10,000	3,466	21,796,100	3,339,83

SPECIES	LAKE ERIE - CONTINUED							
	MICHIGAN							
	TRAP NETS		FYKE NETS		HAUL SEINES		LINES, SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	19,700	$4,913	-	-	-	-	-	-
BOWFIN.	1,300	63	6,800	$341	-	-	-	-
BULLHEADS	12,800	1,696	33,600	4,449	4,100	$544	700	$9
BURBOT.	(1)	2	100	6	-	-	-	-
CARP.	129,600	4,003	53,100	1,640	350,900	10,833	300	1
CATFISH	11,700	2,234	5,800	1,107	4,900	936	4,700	89
GOLDFISH.	700	21	-	-	-	-	-	-
PIKE OR PICKEREL (JACKS).	3,100	372	6,000	719	1,300	156	-	-
ROCK BASS	4,400	782	3,400	604	100	18	-	-
SAUGER.	4,100	1,253	300	92	-	-	-	-
SHEEPSHEAD.	59,800	2,227	10,900	406	8,500	317	1,100	4
SUCKER "MULLET"	36,900	1,524	4,600	190	200	8	-	-
WHITE BASS.	27,600	3,605	4,200	548	1,100	144	-	-
WHITEFISH, COMMON	9,500	2,250	-	-	-	-	-	-
YELLOW PERCH.	10,200	2,497	7,000	1,714	200	49	100	2
YELLOW PIKE	367,500	94,133	32,200	8,248	3,100	794	100	2
TOTAL	698,900	121,575	168,000	20,064	374,400	13,799	7,000	1,091

SPECIES	LAKE ERIE - CONT'D.		LAKE HURON					
	MICHIGAN - CONT'D.		MICHIGAN					
	TOTAL		GILL NETS		POUND NETS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	19,700	$4,913	-	-	-	-	-	-
BOWFIN.	8,100	404	-	-	-	-	8,600	$254
BULLHEADS	51,200	6,782	(1)	(1)	-	-	28,900	3,275
BURBOT.	100	8	100	$4	-	-	400	17
CARP.	533,900	16,486	87,500	3,207	1,700	$62	244,200	8,952
CATFISH	27,100	5,174	2,800	661	800	189	118,500	27,964
CHUBS	-	-	158,700	40,376	-	-	100	26
GIZZARD SHAD.	-	-	-	-	-	-	29,400	294
GOLDFISH.	700	21	-	-	-	-	-	-
LAKE HERRING.	-	-	11,000	598	186,700	10,158	1,438,300	78,256
LAKE TROUT.	-	-	2,600	1,102	(1)	15	1,400	578
PIKE OR PICKEREL (JACKS).	10,400	1,247	100	10	-	-	36,200	3,833
ROCK BASS	7,900	1,404	(1)	2	-	-	10,400	1,227
SAUGER.	4,400	1,345	(1)	2	-	-	2,300	503
SHEEPSHEAD.	80,300	2,991	(1)	(1)	-	-	4,000	200
SMELT	-	-	(1)	(1)	-	-	500	28
SUCKER "MULLET"	41,700	1,722	13,900	788	6,400	363	984,400	55,802

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES: CATCH BY LAKE, STATE AND GEAR, 1948 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED							
	WISCONSIN							
	GILL NETS		POUND NETS		LINES, SET		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HOT	500	$11	-	-	400	$8	900	$19
P	(1)	(1)	(1)	$1	-	-	(1)	1
BS	163,800	31,118	(1)	5	-	-	163,800	31,123
E HERRING	6,194,200	309,709	96,700	4,836	-	-	6,290,900	314,545
E TROUT	426,100	204,516	88,700	42,567	38,200	18,338	553,000	265,421
E OR PICKEREL (JACKS)	(1)	6	1,500	208	-	-	1,500	214
LT	1,000	126	(1)	1	-	-	1,000	127
KER "MULLET"	8,000	482	24,300	1,455	(1)	1	32,300	1,938
TEFISH:								
OMMON	181,700	69,009	530,800	199,561	-	-	712,500	268,570
ENOMINEE	2,000	196	100	15	-	-	2,100	211
LOW PERCH	100	8	-	-	-	-	100	8
LOW PIKE	1,100	261	32,400	8,105	-	-	33,500	8,366
WFISH	(1)	1	-	-	-	-	(1)	1
TOTAL	6,978,500	615,443	774,500	256,754	38,600	18,347	7,791,600	890,544

SPECIES	LAKE SUPERIOR-CONT'D.		LAKE OF THE WOODS					
	MINNESOTA		MINNESOTA					
	GILL NETS		GILL NETS		POUND NETS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LHEADS	-	-	2,500	$462	2,600	$480	17,100	$3,157
OT	-	-	39,500	1,285	150,200	4,888	21,400	696
RP	-	-	1,100	61	5,700	314	-	-
S	31,100	$6,942	-	-	-	-	-	-
HERRING	3,890,200	228,556	-	-	-	-	-	-
KE TROUT	239,500	91,861	-	-	-	-	-	-
KE OR PICKEREL (JACKS)	-	-	39,100	4,152	19,500	2,071	4,600	488
UGER	-	-	60,100	8,372	12,400	1,727	1,500	209
KER "MULLET"	-	-	36,400	1,355	28,900	1,075	3,500	130
LIBEE	-	-	833,900	80,439	225,300	21,733	3,700	357
EFISH:								
OMMON	10,800	3,333	1,300	237	3,800	693	(1)	2
NOMINEE	4,900	739	-	-	-	-	-	-
LOW PERCH	-	-	19,400	3,216	3,100	514	2,000	332
OW PIKE	-	-	190,400	40,105	107,400	22,623	5,300	1,116
TOTAL	4,176,500	331,431	1,223,700	139,684	558,900	56,118	59,100	6,487

SPECIES	LAKE OF THE WOODS - CONT'D.		NAMAKAN LAKE		RAINY LAKE	
	MINNESOTA - CONT'D.		MINNESOTA		MINNESOTA	
	TOTAL		GILL NETS		GILL AND POUND NETS 3/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LHEADS	22,200	$4,099	-	-	-	-
OT	211,100	6,869	4,700	$65	10,400	$306
RP	6,800	375	-	-	-	-
KE OR PICKEREL (JACKS)	63,200	6,711	-	-	11,000	1,168
UGER	74,000	10,308	-	-	(1)	1
CKER "MULLET"	68,800	2,560	3,200	25	24,400	713
LLIBEE	1,062,900	102,529	8,700	272	33,900	1,008
ITEFISH, COMMON	5,100	932	9,200	1,737	18,500	4,534
LLOW PERCH	24,500	4,062	-	-	500	78
LLOW PIKE	303,100	63,844	-	-	25,300	5,319
TOTAL	1,841,700	202,289	25,800	2,099	124,000	13,127

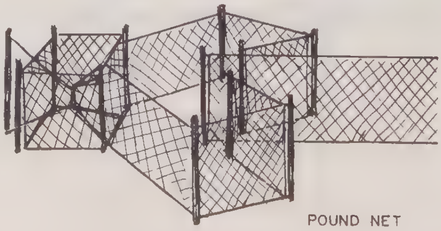
LESS THAN 50 POUNDS OR 50 CENTS.
PRODUCTION ESTIMATED FROM PARTIAL INFORMATION.
ONLY PRODUCTION FIGURES AVAILABLE COMBINE GILL NETS AND POUND NETS.

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS 1/

ITEM			NEW YORK AND PENNSYLVANIA		OHIO		MICHIGAN	
	YEAR	UNTT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BY MANUFACTURING ESTABLISHMENTS:								
ALEWIVES, SPICED.	1940	POUNDS	405,000	$40,500	75,000	$7,500	5,000	$700
BLUE PIKE:								
FRESH FILLETS	1948	DO	677,460	281,825	588,156	286,589	123,550	51,350
FROZEN FILLETS.	1948	DO	133,460	60,505	98,855	46,554	67,300	30,350
BUTTERFISH, SMOKED.	1940	DO	-	-	-	-	19,000	5,700
CARP, SMOKED.	1940	DO	-	-	1,000	200	2,300	5,750
CHUB, CISCO AND TULLIBEE, SMOKED. .	1940	DO	75,000	23,140	42,000	8,600	225,000	74,330
EELS, SMOKED.	1940	DO	19,500	4,890	-	-	-	-
HERRING, LAKE:								
FRESH AND FROZEN FILLETS.	1948	DO	(3)	(3)	-	-	70,967	12,222
SALTED.	1940	DO	-	-	-	-	625,574	47,788
SMOKED.	1940	DO	22,200	6,200	-	-	130,542	19,840
HERRING, SEA:								
SPICED.	1940	DO	200,000	20,000	-	-	10,000	1,000
SMOKED.	1940	DO	24,000	1,680	-	-	-	--
LAKE TROUT:								
FRESH AND FROZEN FILLETS.	1948	DO	17,000	9,550	4,500	4,440	11,200	4,990
SMOKED.	1940	DO	-	-	-	-	143,000	43,440
MACKEREL, SMOKED.	1940	DO	-	-	-	-	5,200	1,300
MOONEYE, SMOKED	1940	DO	-	-	5,000	600	-	-
SABLEFISH, SMOKED	1940	DO	-	-	46,000	11,500	222,000	51,710
SALMON:								
SMOKED.	1940	DO	20,000	6,000	73,000	25,550	97,000	32,400
KIPPERED.	1940	DO	39,000	11,340	-	-	245,000	61,450
SAUGER:								
FRESH FILLETS	1948	DO	116,000	48,000	16,195	9,267	24,196	11,498
FROZEN FILLETS.	1948	DO	43,000	18,520	25,200	16,100	17,797	7,659
SHEEPSHEAD, SMOKED.	1940	DO	-	-	8,000	1,000	-	-
STURGEON, SMOKED.	1940	DO	1,000	900	-	-	-	-
WHITEFISH, COMMON:								
FRESH AND FROZEN FILLETS.	1948	DO	39,820	19,902	28,050	19,575	67,900	28,440
SMOKED.	1940	DO	34,578	9,758	10,000	3,000	109,500	30,670
WHITEFISH, MENOMINEE, SMOKED. . . .	1940	DO	-	-	-	-	10,000	2,500
YELLOW PERCH, FRESH AND FROZEN FILLETS	1948	DO	29,314	13,473	143,736	78,007	46,431	22,696
YELLOW PIKE, FRESH AND FROZEN FILLETS	1948	DO	96,400	48,220	74,975	43,907	39,125	21,475
MISCELLANEOUS PRODUCTS AND BYPRODUCTS4/	1948	-	-	2,740	-	7,598	-	38,728
TOTAL		-	-	627,143	-	569,987	-	607,986
BY FISHERMEN:								
BLUE PIKE, FRESH FILLETS.	1940	POUNDS	-	-	9,000	2,250	-	-
CARP, SMOKED.	1940	DO	-	-	3,000	300	-	-
CATFISH AND BULLHEADS, SMOKED . . .	1940	DO	-	-	7,800	1,560	-	-
HERRING, LAKE:								
SALTED.	1940	DO	-	-	-	-	120,000	3,500
SMOKED.	1940	DO	-	-	-	-	4,000	800
LAKE TROUT:								
SALTED.	1940	DO	-	-	-	-	27,000	2,100
SMOKED.	1940	DO	-	-	-	-	10,000	3,500
SHEEPSHEAD, SMOKED.	1940	DO	-	-	15,600	2,340	-	-
SUCKERS, SMOKED	1940	DO	-	-	-	-	2,000	150
WHITEFISH:								
COMMON, SMOKED.	1940	DO	-	-	14,400	4,320	4,000	1,400
MENOMINEE, SMOKED	1940	DO	-	-	-	-	6,000	1,500
YELLOW PERCH:								
FRESH FILLETS	1940	DO	-	-	9,000	2,250	-	-
SMOKED.	1940	DO	-	-	-	-	600	150
YELLOW PIKE:								
FRESH FILLETS	1940	DO	-	-	21,000	5,250	-	-
SMOKED.	1940	DO	-	-	-	-	600	150
TOTAL		-	-	-	79,800	18,270	174,200	13,250
GRAND TOTAL		-	-	627,143	-	588,257		621,236

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)



POUND NET

MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS1/ - Continued

ITEM			ILLINOIS AND INDIANA		WISCONSIN		MINNESOTA	
	YEAR	UNIT	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NUFACTURING ESTABLISHMENTS:								
WIVES, SPICED	1940	POUNDS	3,012,349	$301,750	241,150	$23,160	40,000	$5,500
E PIKE:								
RESH FILLETS	1948	DO	2/222,032	2/72,121	2/181,500	2/59,870	-	-
ROZEN FILLETS	1948	DO	(2)	(2)	(2)	(2)	-	-
FALOFISH, SMOKED	1940	DO	10,000	2,500	-	-	-	-
TERFISH, SMOKED	1940	DO	5,000	1,500	-	-	-	-
P, SMOKED	1940	DO	30,000	4,000	10,000	900	-	-
B, CISCO AND TULLIBEE, SMOKED	1940	DO	1,789,647	552,796	273,307	80,580	99,718	22,373
S, SMOKED	1940	DO	30,455	7,626	-	-	-	-
RRING, LAKE:								
RESH AND FROZEN FILLETS	1948	DO	-	-	95,720	19,210	(3)	(3)
SALTED	1940	DO	-	-	1,264,000	42,800	110,000	4,000
SMOKED	1940	DO	246,515	33,700	597,400	66,170	81,740	8,552
RRING, SEA:								
SPICED	1940	DO	962,229	111,397	271,750	21,740	140,000	14,000
SMOKED	1940	DO	62,400	15,240	-	-	-	-
KE TROUT:								
FRESH AND FROZEN FILLETS	1948	DO	(3)	(3)	79,500	35,050	-	-
SMOKED	1940	DO	194,755	61,458	291,096	81,262	12,920	3,632
BLEFISH,SMOKED	1940	DO	32,495	9,054	106,500	24,900	-	-
LMON:								
SMOKED	1940	DO	607,886	252,669	20,000	5,000	18,000	3,240
KIPPERED	1940	DO	195,415	66,740	86,406	19,407	10,000	2,250
UGER:								
FRESH FILLETS	1948	DO	307,538	140,209	231,000	99,050	-	-
FROZEN FILLETS	1948	DO	6,000	2,700	-	-	-	-
AD, SMOKED	1940	DO	12,000	3,000	-	-	-	-
URGEON, SMOKED	1940	DO	15,000	13,500	-	-	-	-
TEFISH, COMMON:								
FRESH AND FROZEN FILLETS	1948	DO	31,800	13,695	57,200	29,450	-	-
SMOKED	1940	DO	17,091	4,784	19,000	4,750	2,000	600
LLOW PERCH, FRESH AND FROZEN FILLETS	1948	DO	32,393	20,157	210,500	116,975	-	-
LLOW PIKE, FRESH AND FROZEN FILLETS	1948	DO	332,591	162,165	109,100	60,570	-	-
SCELLANEOUS PRODUCTS AND BYPRODUCTS4/	1948	-	-	37,085	-	61,446	-	340,139
TOTAL		-	-	1,889,846	-	852,290	-	404,286
SHERMEN:								
B, CISCO AND TULLIBEE, SMOKED	1940	POUNDS	70,000	21,000	33,000	9,900	-	-
RING, LAKE, SALTED	1940	DO	-	-	48,000	1,400	1,870,000	59,500
E TROUT, SMOKED	1940	DO	70,000	21,000	15,400	4,620	-	-
RGEON ROE, SALTED	1940	DO	-	-	-	-	28	28
TOTAL		-	140,000	42,000	96,400	15,920	1,870,028	59,528
GRAND TOTAL		-		1,931,846	-	868,210	-	463,814

DATA ON THE PRODUCTION OF VARIOUS PRODUCTS ARE FOR THE YEARS INDICATED.

FROZEN FILLETS ARE INCLUDED WITH THE FRESH FILLETS.

INCLUDED WITH MISCELLANEOUS PRODUCTS.

MISCELLANEOUS PRODUCTS AND BYPRODUCTS IN NEW YORK INCLUDE FRESH LAKE HERRING FILLETS AND FROZEN WHITE BASS FILLETS; IN OHIO, FROZEN PIKE OR PICKEREL FILLETS AND FRESH SHEEPSHEAD AND WHITE BASS FILLETS; IN MICHIGAN, FROZEN PIKE OR PICKEREL AND WHITE BASS FILLETS AND CANNED MULLET; IN ILLINOIS, FROZEN HALIBUT STEAKS AND FRESH CARP, LAKE HERRING, LAKE TROUT, PIKE OR PICKEREL AND SUCKER FILLETS; IN WISCONSIN AND MINNESOTA, FRESH LAKE HERRING FILLETS; CANNED WHITEFISH CAVIAR, CARP, AND CARP FLAKES; BURBOT LIVER OIL; AND UNCLASSIFIED MEAL AND OIL.

SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

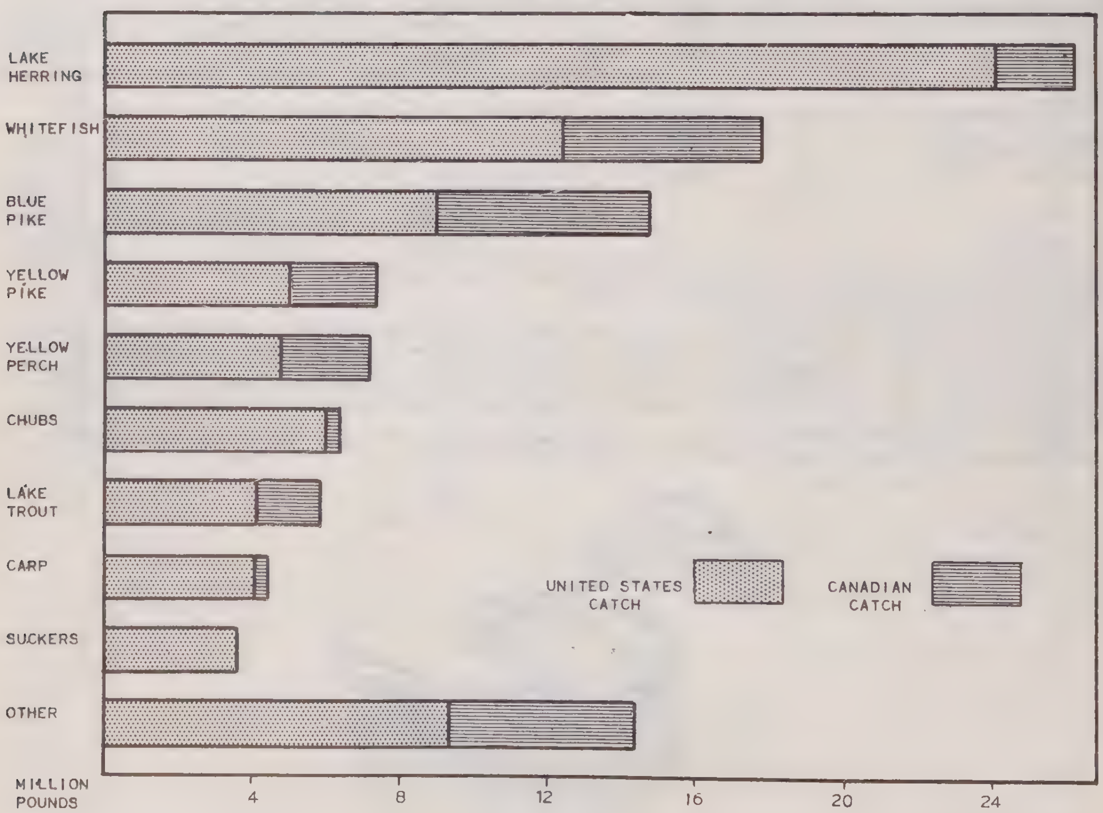
GREAT LAKES

SUMMARY OF MANUFACTURED FISHERY PRODUCTS, VARIOUS YEARS

SUMMARY OF STATES:	MANUFACTURED FISHERY PRODUCTS	FISHERMEN'S PREPARED PRODUCTS	TOTAL
STATE	VALUE	VALUE	VALUE
NEW YORK.	$578,869	-	$578,869
PENNSYLVANIA.	48,274	-	48,274
OHIO.	569,987	$18,270	588,257
MICHIGAN.	607,986	13,250	621,236
ILLINOIS.	1,877,846	42,000	1,919,846
INDIANA	12,000	-	12,000
WISCONSIN	852,290	15,920	868,210
MINNESOTA	404,286	59,528	463,814
TOTAL	4,951,538	148,968	5,100,506

SUMMARY OF ITEMS:				
ITEM	YEAR	UNIT	QUANTITY	VALUE
FRESH AND FROZEN PACKAGED FISH.	1948	POUNDS	4,661,431	$2,076,987
FRESH AND FROZEN PACKAGED FISH.	1940	DO	39,000	9,750
CANNED FISH AND SHELLFISH . . .	1948	STANDARD CASES	13,946	409,632
BYPRODUCTS.	1948	-	-	27,453
SALTED, DRIED AND PICKLED . . .	1940	POUNDS	10,426,080	708,363
SMOKED AND KIPPERED	1940	DO	6,782,666	1,868,321
TOTAL.		-	-	5,100,506

UNITED STATES AND CANADA: LAKES CATCH, 1948



SECTION 9.- MISSISSIPPI RIVER FISHERIES

The most recent catch statistics of the fisheries of the Mississippi River and its ributaries are those collected for the year 1931. The yield of fishery products in hat year amounted to 82,382,523 pounds, valued at $2,897,357, which was a decrease of 2 percent in quantity and 36 percent in value compared with the quantity and value of he catch in 1922, when the most recent preceding survey was made.

Detailed statistics on the fisheries of the Mississippi River and its Tributaries or 1931 were published in Appendix III to Report of Commissioner of Fisheries for the iscal year 1933 entitled 'Fishery Industries, of the United States, 1932.'

A summary of these fisheries in 1931 was published in the Bureau of Fisheries annual eports entitled 'Fishery Industries of the United States,' for the years 1933 to 1939, nclusive and in Statistical Bulletin 994. Information regarding the production of ured fishery products in the Mississippi River area in 1931, and byproducts in 1948 ppear in the following table.

MANUFACTURED FISHERY PRODUCTS,
VARIOUS YEARS 1/

TEM	STATE OF MANUFACTURE	YEAR	UNIT	QUANTITY	VALUE
NUFACTURING ESTABLISHMENTS:					
KED FISH:					
UFFALOFISH.	IOWA AND PENNSYLVANIA	1931	POUNDS	25,700	$3,245
UTTERFISH	PENNSYLVANIA	1931	DO	2,400	600
ARP	PENNSYLVANIA	1931	DO	700	245
HUBS.	OHIO, TENNESSEE, PENNSYLVANIA	1931	DO	106,600	26,650
ELS	NEBRASKA	1931	DO	31,300	8,138
AKE TROUT	PENNSYLVANIA	1931	DO	2,100	315
ADDLEFISH	TENNESSEE	1931	DO	20,000	5,000
ABLEFISH.	OHIO	1931	DO	30,000	10,500
ALMON	IOWA, MINNESOTA, OHIO, PENNSYLVANIA	1931	DO	312,400	71,730
TURGEON	IOWA, NEBRASKA	1931	DO	183,300	46,595
ULLIBEE	IOWA, OHIO, PENNSYLVANIA	1931	DO	108,600	21,360
ITEFISH.	MINNESOTA, NEBRASKA, TENNESSEE	1931	DO	275,000	52,200
EL-SHELL PRODUCTS:					
TTONS.	IOWA, MISSOURI, ILLINOIS	1948	GROSS	5,730,904	4,263,195
ME	IOWA	1948	TONS	1,368	3,678
T FOR POULTRY FEED. . . .	IOWA, MISSOURI	1948	DO	752	7,522
PS, SHELLS AND SLIDES . .	IOWA, MISSOURI	1948	-	-	38,410
ELLANEOUS 2/	IOWA, OHIO	1948	-	-	150,119
OTAL...		-	-	-	4,709,502
ERMEN:					
GATOR HIDES.	LOUISIANA	1931	POUNDS	88,356	7,363
D FISH					
RP	ILLINOIS	1931	DO	667	67
EPSHEAD	ILLINOIS	1931	DO	617	77
URGEON	ILLINOIS	1931	DO	1,333	400
ED:					
DLEFISH ROE	INDIANA, MISSOURI	1931	DO	1,595	812
URGEON ROE	ILLINOIS	1931	DO	35	32
TOTAL.		-	-	-	8,751
GRAND TOTAL.		-	-	-	4,716,253

TA FOR MUSSEL-SHELL PRODUCTS, MARINE PEARL-SHELL BUTTONS, AND CANNED TURTLE SOUP ARE FOR 1948. ALL OTHER ARE FOR 1931.

CLUDES VALUES OF MARINE PEARL-SHELL BUTTONS IN IOWA AND TURTLE SOUP IN OHIO.

SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM PRODUCTS IMPORTED FROM ANOTHER STATE OR A GN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH FROM WITHIN THE STATES

FRESH-WATER MUSSEL

SECTION 10.- ALASKA FISHERIES [10]

The commercial catch of fishery products in Alaska during 1948 totaled 566,899,9 pounds, valued at $31,494,805 to the fishermen - a decrease of 8 percent in quantit but an increase of 13 percent in value compared with 1947. Landings of salmon declin 43,438,006 pounds; however, because of higher prices, the value of the catch increas $3,573,352. Herring showed a decrease of 13,440,308 pounds, while sablefish landin increased 5,283,915 pounds. The production of halibut and shark recorded minor gai over the 1947 catch.

A total of 123 salmon canneries operated in the territory during 1948, an increa of five plants over the previous year. The salmon pack which totaled 4,014,921 cas was 297,616 cases less than the 1947 production. The decrease was due to reduced pac in the Western and Central Alaska districts. The Southeastern district showed an i crease of 21 percent compared with the previous year.

During 1948, the herring catch quotas established by the Fish and Wildlife Servi were raised to 970,000 barrels, 70,000 barrels above the 1947 quota. However, t catch amounted to slightly less than 700,000 barrels weighing 250 pounds each, (174,449,254 pounds). The majority of the catch was used in the manufacture of oil a meal with small quantities being used for salting and for fresh and frozen bait.

As a result of three operations in the Bering Sea, mainly by the factory ship Pacific Explorer and Deep Sea, increased landings of king crabs and flounders were ma in 1948 as compared with previous years. The production of these crabs increased 2,133,354 pounds compared with 752,668 pounds the previous year, an increase of 1 percent. As a result of the operations of the factory ships in the Bering Sea t quantity of flounders landed in Alaska increased from 450 pounds in 1947 to 248,4 pounds in 1948.

The halibut fishery operated without price allocation controls for the second fu season since the war. Landings of halibut in Alaska increased from 34.0 million pour (round weight) in 1947 to 34.9 million pounds in 1948.

Razor clam production in 1948 which totaled 1,222,649 pounds was almost double th of the previous year. A price disagreement in 1947 kept the razor clam production that year considerably below the average annual figure.

The value of products as prepared for market increased to $116,948,814, a gain o percent compared with the previous year. Salmon accounted for 86 percent of the tot halibut, 6 percent; herring, 5 percent; and all other species, 3 percent. Of the tot value of the salmon as prepared for market, 95 percent consisted of canned salmon.

The number of persons engaged in the industry increased from 30,297 in 1947 30,767 in 1948. The number of wholesale and manufacturing establishments also increa from 222 to 225 during the year. Detailed information on the number of fisherme fishing craft, and quantity of gear employed in the fisheries of Alaska during 1948, well as data on the volume and value of the catch and the production of manufactu fishery products will be found on the following pages. Preliminary statistics of th subjects have been previously published in Current Fisheries Statistics No. 5 Additional information on the fisheries of Alaska during 1948 will be found in 'Ala Fishery and Fur-seal Industries, 1948'. (Statistical Digest No. 23).

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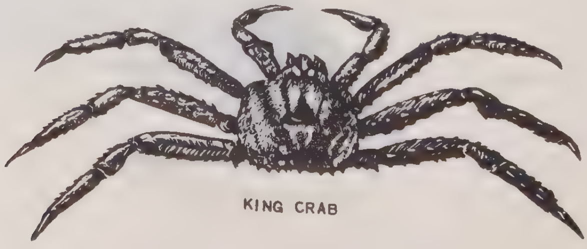
10 Statistics on the fisheries of Alaska are collected and compiled by the Ala Branch of the Service.



KING CRAB

ALASKA FISHERIES

SUMMARY OF DISTRICTS, 1948

ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/
PERSONS ENGAGED	NUMBER	NUMBER	NUMBER	NUMBER
SHING	6,682	3,014	2,946	12,371
ANSPORTING.	1,000	899	542	2,319
OLESALE AND MANUFACTURING INDUSTRIES.	6,217	5,654	4,435	16,118
TOTAL 1/	13,879	9,546	7,923	30,767
CRAFT EMPLOYED				
LS FISHING.	1,466	297	25	1,740
FISHING.	1,567	1,406	1,471	4,442
LS TRANSPORTING	197	177	141	496
TRANSPORTING	64	49	28	127
USED OTHER THAN IN FISHING OR TRANSPORTING	36	59	61	150
HOUSEBOATS, PILE DRIVERS, ETC.	173	209	122	500
TOTAL 1/	3,500	2,194	1,848	7,449
SALE AND MANUFACTURING ESTABLISHMENTS	98	95	36	225

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
ATCH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MON	121,507,531	$11,761,381	118,580,446	$6,338,153	98,281,693	$5,044,226	338,369,670	$23,143,760
ER.	75,430,537	5,521,508	143,086,450	2,232,442	2,577,201	81,043	221,094,188	7,834,993
FISH.	3,063,930	240,940	2,238,921	179,111	2,133,354	96,001	7,436,105	516,052
TOTAL.	200,001,998	17,523,829	263,905,817	8,749,706	102,992,248	5,221,270	566,899,963	31,494,805
UCTS AS ARED FOR ARKET								
N	76,872,467	33,687,437	66,532,584	31,782,214	67,203,826	35,724,268	210,608,877	101,193,919
ING.	14,945,266	1,101,250	43,443,627	4,593,639	-	-	58,388,893	5,694,889
UT.	22,710,512	5,654,701	4,855,622	961,175	-	-	27,566,134	6,615,876
	5,426	421	-	-	781,505	84,968	786,931	85,389
	45,749	14,997	3,602	895	-	-	49,351	15,892
FISH.	4,928,666	966,247	14,841	1,853	-	-	4,943,507	968,100
DERS.	-	-	-	-	124,237	11,170	124,237	11,170
SHES	47,726	2,849	2,663	273	-	-	50,389	3,122
OD.	65,700	9,809	137	14	-	-	65,837	9,823
ORE	132,039	34,935	-	-	-	-	132,039	34,935
	11,361	3,448	430,642	498,605	-	-	442,003	502,053
	50,830	55,484	252,142	238,066	572,107	684,260	875,079	977,810
	493,271	523,750	-	-	-	-	493,271	523,750
S.	1,026	684	-	-	-	-	1,026	684
LIVERS	10,615	1,086	-	-	-	-	10,615	1,086
LIVERS LUDING FISH)	162,796	80,322	4,436	608	-	-	167,232	80,930
LIVERS VISCERA.	17,704	133,906	-	-	-	-	17,704	133,906
FISH AND MEAL.	-	-	-	-	400,000	16,000	400,000	16,000
AL PRODUCTS	-	-	-	-	1,039,721	79,480	1,039,721	79,480
TOTAL.	120,501,154	42,271,326	115,540,296	38,077,342	70,121,396	36,600,146	306,162,846	116,948,814

XCLUSIVE OF DUPLICATION.

-DATA OR CATCHES AND PRODUCTS AS PREPARED FOR MARKET INCLUDE FARES OF VESSELS OF U. S. REGISTRY LANDED ALASKAN AND BRITISH COLUMBIA PORTS, AND FARES OF COD AND KING CRAB FISHING VESSELS OPERATING ON THE HIGH S OFF THE ALASKAN COAST AND LANDED IN PACIFIC COAST PORTS.

SUMMARY OF OPERATING UNITS, 1948

ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/	ITEM - CONTINUED	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL 1/
	NUMBER	NUMBER	NUMBER	NUMBER	APPARATUS - CONTINUED:	NUMBER	NUMBER	NUMBER	NUMBER
RMEN.	6,682	3,014	2,946	12,371	GILL NETS.	663	2,815	1,602	5,080
ELS FISHING:					YARDS.	175,142	381,050	370,622	926,814
TOR.	1,466	297	25	1,740	BEAM TRAWLS.	11	-	-	11
NET TONNAGE.	17,585	5,374	1,264	23,232	LINES:				
S FISHING:					HAND LINES (COD)	-	1	28	29
TOR.	1,176	1,233	32	2,439	SKATES OF LINES				
HER.	391	173	1,439	2,003	(HALIBUT).	6,747	-	-	6,747
RATUS:					HOOKS (SABLEFISH, ETC.)	66,100	125	-	66,225
APS.	242	157	-	399	TROLL (SALMON)	29,084	190	-	29,274
RSE SEINES	486	372	14	742	CRAB POTS.	150	1,947	-	2,097
YARDS.	189,480	106,600	6,250	260,190	OTTER TRAWLS				
UL SEINES.	21	120	7	148	(BOTTOMFISH)	-	-	1	1
YARDS.	3,510	26,048	1,050	30,608	(KING CRAB).	-	-	10	10
					TANGLE NETS.	-	-	2	2

EXCLUSIVE OF DUPLICATION.

SUMMARY OF CATCH, 1948 1/

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
SALMON:								
CHINOOK OR KING.	9,601,920	$1,763,589	2,345,820	$234,582	1,611,060	$120,829	13,558,800	$2,119,0
CHUM OR KETA . .	32,035,992	2,600,277	27,562,768	792,430	7,026,944	158,106	66,625,704	3,550,8
PINK	57,409,792	4,598,968	55,773,744	2,509,818	223,964	5,591	113,407,500	7,114,3
RED OR SOCKEYE .	3,147,150	419,620	25,883,460	2,372,650	88,893,666	4,740,996	117,924,276	7,533,2
SILVER OR COHO .	19,312,677	2,378,927	7,014,654	428,673	526,059	18,704	26,853,390	2,826,3
HERRING.	37,775,572	402,496	136,673,682	1,450,476	-	-	174,449,254	1,852,9
HALIBUT.	28,611,991	4,315,512	6,348,897	779,551	-	-	34,960,888	5,095,0
COD.	9,043	271	-	-	2,328,727	73,589	2,337,770	73,8
TROUT:								
DOLLY VARDEN . .	38,860	5,259	2,815	422	-	-	41,675	5,6
STEELHEAD. . . .	281	32	472	53	-	-	753	
SABLEFISH.	6,492,732	706,321	19,614	1,413	-	-	6,512,346	707,7
FLOUNDERS.	-	-	-	-	248,474	7,454	248,474	7,4
ROCKFISHES	67,307	2,004	3,808	80	-	-	71,115	2,0
LINGCOD.	89,204	7,845	196	4	-	-	89,400	7,8
TUNA, ALBACORE . .	132,039	32,350	-	-	-	-	132,039	32,3
SHARK.	1,948,133	35,066	36,966	443	-	-	1,985,099	35,5
SKATE.	265,375	849	-	-	-	-	265,375	8
UNCL. LIVERS AND VISCERA 2/ . . .	-	13,503	-	-	-	-	-	13,5
TOTAL. . . .	196,938,068	17,282,889	261,666,896	8,570,595	100,858,894	5,125,269	559,463,858	30,978,7
SHELLFISH								
CLAMS:								
BUTTER	11,618	818	4,026	121	-	-	15,644	9
RAZOR.	-	-	1,222,649	128,378	-	-	1,222,649	128,3
CRABS:								
DUNGENESS. . . .	210,080	12,605	1,012,246	50,612	-	-	1,222,326	63,2
KING	-	-	-		2,133,354	96,001	2,133,354	96,0
SHRIMP	2,834,803	226,784	-	-	-	-	2,834,803	226,7
OYSTERS.	7,329	733	-	-	-	-	7,329	7
TOTAL. . . .	3,063,830	240,940	2,238,921	179,111	2,133,354	96,001	7,436,105	516,0
GRAND TOTAL.	200,001,898	17,523,829	263,905,817	8,749,706	102,992,248	5,221,270	566,899,963	31,494,8

1/ INCLUDES CATCHES OF HALIBUT, SABLEFISH, LINGCOD, AND ROSEFISH LANDED BY VESSELS OF THE ALASKA HALIBUT FLEET, INCLUDING LANDINGS AT ALASKAN AND BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH EVISCERATED AND WITH HEADS OFF, BY THE FOLLOWING FACTORS: HALIBUT, 1.33; AND SABLEFISH, LINGCOD, AND ROCKFISHES, 1.43. VALUES INCLUDE PAYMENTS RECEIVED FOR LIVERS AND VISCERA AS FOLLOWS: HALIBUT, $1,144,930; SABLEFISH, $297,688; LI
COD, $5,974; ROCKFISHES, $592; AND COD, $3,727.

2/ UNCLASSIFIED LIVERS AND VISCERA, NOT SEGREGATED BY SPECIES, ARE LISTED FOR VALUE ONLY, AS IT IS ASSUMED
THAT ROUND WEIGHTS OF THE FISH ARE REPORTED ELSEWHERE.

TRANSPORTING, WHOLESALE AND MANUFACTURING, 1948

ITEM	SOUTHEAST ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBE
TRANSPORTING:				
PERSONS ENGAGED.	1,000	899	542	2,3
CRAFT TRANSPORTING:				
VESSELS, MOTOR	197	177	141	4
NET TONNAGE.	8,545	9,348	6,917	22,1
BOATS, MOTOR	11	27	15	
BOATS, OTHER	53	22	13	
LIGHTERS, SCOWS, HOUSEBOATS, ETC.	123	145	64	3
WHOLESALE AND MANUFACTURING, PERSONS ENGAGED.	6,217	5,654	4,435	16,1
ESTABLISHMENTS:				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH	53	18	9	
CURING FISH.	28	9	6	
CANNING FISH AND SHELLFISH	41	68	25	1
MANUFACTURING BYPRODUCTS	10	11	2	
TOTAL 1/	98	95	36	2

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--IN ADDITION 150 BOATS AND 170 SCOWS, PILE DRIVERS, ETC. WERE USED FOR PURPOSES OTHER THAN FISHING AND TRANSPORTING.

MANUFACTURED FISHERY PRODUCTS, 1948

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
FRESH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
N FOR FOOD	411,087	$106,115	33,610	$3,303	-	-	444,697	$109,418
N FOR ANIMAL FOOD	-	-	22,000	1,414	-	-	22,000	1,414
NG FOR BAIT	382,200	9,546	22,500	675	-	-	404,700	10,221
UT 1/	3,128,063	576,007	22,826	4,205	-	-	3,150,889	580,212
UT LIVERS 1/	384,356	862,505	24,123	30,032	-	-	408,479	892,537
UT VISCERA 1/	769,956	775,064	48,185	16,789	-	-	818,141	791,853
FISH	-	-	245	22	-	-	245	22
FISH LIVERS 1/	148,744	324,501	311	218	-	-	149,055	324,719
FISH VISCERA	239,550	106,818	569	176	-	-	240,119	106,994
LIVERS	10,615	1,086	-	-	-	-	10,615	1,086
ISHES	15,918	796	1,185	75	-	-	17,103	871
ISH LIVERS	658	658	-	-	-	-	658	658
LIVERS	56,326	16,438	4,436	608	-	-	60,762	17,046
DD	10,181	439	-	-	-	-	10,181	439
DD LIVERS	3,319	7,736	-	-	-	-	3,319	7,736
LIVERS	-	-	-	-	43,122	$3,727	43,122	3,727
SSIFIED FISH LIVERS	1,237	124	-	-	-	-	1,237	124
SSIFIED FISH VISCERA	7,677	1,974	-	-	-	-	7,677	1,974
, DUNGENESS:								
LE IN SHELL	540	135	12,101	1,920	-	-	12,641	2,055
T, COLD-PACKED	16,888	16,888	102,975	82,424	-	-	119,863	99,312
P, MEAT, COLD-PACKED	479,059	519,114	-	-	-	-	479,059	519,114
, BUTTER	-	-	156	9	-	-	156	9
RS, SHUCKED	1,026	684	-	-	-	-	1,026	684
TOTAL	6,067,400	3,326,628	295,222	141,870	43,122	3,727	6,405,744	3,472,225
FROZEN								
IN FOR FOOD	8,306,049	2,103,192	1,371,142	240,140	735,161	226,148	10,412,352	2,569,480
IN FOR BAIT	2,544	128	20,000	1,000	-	-	22,544	1,128
IN FOR ANIMAL FOOD	7,105	2,179	-	-	-	-	7,105	2,179
NG FOR BAIT	4,806,975	88,202	241,692	5,538	-	-	5,048,667	93,740
UT	18,284,132	3,248,727	4,729,015	900,382	-	-	23,013,147	4,149,109
T CHEEKS	2,587	648	3,265	1,200	-	-	5,852	1,848
UT, FILLETS AND STEAKS	131,800	48,766	28,208	8,567	-	-	160,008	57,333
, DOLLY VARDEN	29,218	7,000	2,815	594	-	-	32,033	7,594
, STEELHEAD	211	37	355	121	-	-	566	158
ISH	4,430,692	520,040	13,716	1,437	-	-	4,444,408	521,477
ALBACORE	132,039	34,935	-	-	-	-	132,039	34,935
SHES	13,346	271	500	100	-	-	13,846	371
SHES, QUICK FROZEN	95	24	978	98	-	-	1,073	122
SHES, ANIMAL FEED	17,709	1,100	-	-	-	-	17,709	1,100
ND FLOUNDERS	-	-	-	-	89,220	3,500	89,220	3,500
QUICK FROZEN FILLETS	-	-	-	-	35,017	7,670	35,017	7,670
D	52,200	1,634	-	-	-	-	52,200	1,634
D, FILLETS	-	-	137	14	-	-	137	14
	-	-	-	-	39,000	3,900	39,000	3,900
UICK FROZEN FILLETS	-	-	-	-	765	321	765	321
MEAT:								
ER	4,176	1,461	1,935	127	-	-	6,111	1,588
R	-	-	15,466	4,067	-	-	15,466	4,067
ENESS, MEAT	5,205	5,205	410	610	-	-	5,615	5,815
, IN SHELL	-	-	-	-	62,999	47,249	62,999	47,249
, MEAT	-	-	-	-	165,479	193,011	165,479	193,011
MP:								
LE	13,680	4,104	-	-	-	-	13,680	4,104
AT	532	532	-	-	-	-	532	532
TOTAL	36,240,295	6,068,185	6,429,634	1,163,995	1,127,641	481,799	43,797,570	7,713,979
CURED								
ON:								
D-CURED	4,176,150	1,755,470	17,737	5,270	83,325	27,160	4,277,212	1,787,900
CKLED	-	-	20,600	7,240	33,500	10,050	54,100	17,290
KED	2,384	1,550	80	52	-	-	2,464	1,602
CKLED	5,426	421	-	-	-	-	5,426	421
Y-SALTED	-	-	-	-	697,818	76,860	697,818	76,860
NGUES	-	-	-	-	800	160	800	160
EFISH:								
LTED	108,858	14,477	-	-	-	-	108,858	14,477
OKED	822	411	-	-	-	-	822	411
BUT, SMOKED	101	22	-	-	-	-	101	22
ING, SCOTCH CURED	-	-	550,150	61,285	-	-	550,150	61,285
TOTAL	4,293,741	1,772,351	588,567	73,847	815,443	114,230	5,697,751	1,960,428

FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1948 - Continued

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
CANNED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:								
CHINOOK OR KING . . .	272,880	$160,985	1,652,064	$922,650	666,528	$478,739	2,591,472	$1,562,37
CHUM OR KETA	19,554,864	8,249,589	14,056,992	5,975,351	3,918,768	1,671,304	37,530,624	15,896,24
PINK	32,853,216	15,742,480	29,605,872	13,726,816	155,952	72,686	62,615,040	29,541,98
RED OR SOCKEYE. .	1,905,936	1,254,772	15,456,048	9,165,754	61,353,312	33,113,378	78,715,296	43,533,90
SILVER OR COHO . . .	7,642,752	4,193,727	3,346,992	1,669,256	257,280	124,803	11,247,024	5,987,78
TROUT, STEELHEAD. .	16,320	7,960	432	180	-	-	16,752	8,14
CLAMS:								
BUTTER . . .	1,110	1,380	-	-	-	-	1,110	1,38
JUICE. . . .	6,075	607	-	-	-	-	6,075	60
RAZOR. . . .	-	-	413,085	494,402	-	-	413,085	494,40
CRABS:								
DUNGENESS. .	28,197	33,256	136,656	153,112	-	-	164,853	186,36
KING	-	-	-	-	343,629	444,000	343,629	444,00
TOTAL. . . .	62,281,350	29,644,756	64,668,141	32,107,521	66,695,469	35,904,910	193,644,960	97,657,18
BYPRODUCTS								
OIL:								
SALMON . . .	337,500	47,250	210,247	30,226	-	-	547,747	77,47
HERRING. . .	4,742,813	683,887	21,773,422	3,228,399	-	-	26,516,235	3,912,28
FUR-SEAL . .	-	-	-	-	357,831	42,484	357,831	42,48
HALIBUT LIVER. . .	4,724	56,688	-	-	-	-	4,724	56,68
HALIBUT VISCERA. .	4,793	86,274	-	-	-	-	4,793	86,27
SHARK LIVER.	106,470	63,884	-	-	-	-	106,470	63,88
UNCL. LIVER & VISCERA.	8,790	131,808	-	-	-	-	8,790	131,80
MEAL:								
SALMON . . .	1,400,000	70,000	719,200	33,742	-	-	2,119,200	103,74
HERRING. . .	5,013,278	319,615	20,855,863	1,297,742	-	-	25,869,141	1,617,35
FUR-SEAL . .	-	-	-	-	681,890	36,996	681,890	36,99
UNCL. FISH AND CRAB .	-	-	-	-	400,000	16,000	400,000	16,00
TOTAL. . . .	11,618,368	1,459,406	43,558,732	4,590,109	1,439,721	95,480	56,616,821	6,144,99
GRAND TOTAL.	120,501,154	42,271,326	115,540,296	38,077,342	70,121,396	36,600,146	306,162,846	116,948,81

1/ INCLUDES LANDINGS OF ALASKA FLEET IN BRITISH COLUMBIA PORTS.

REVIEW OF THE PRODUCTION OF CANNED FISHERY PRODUCTS, 1948 1/

ITEM	SOUTHEAST ALASKA		CENTRAL ALASKA 2/		WESTERN ALASKA		TOTAL	
FISH	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
SALMON:								
CHINOOK OR KING . . .	5,685	$160,985	34,418	$922,650	13,886	$478,739	53,989	$1,562,37
CHUM OR KETA	407,393	8,249,589	292,854	5,975,351	81,641	1,671,304	781,888	15,896,24
PINK	684,442	15,742,480	616,789	13,726,816	3,249	72,686	1,304,480	29,541,98
RED OR SOCKEYE. .	39,707	1,254,772	322,001	9,165,754	1,278,194	33,113,378	1,639,902	43,533,90
SILVER OR COHO . . .	159,224	4,193,727	69,729	1,669,256	5,360	124,803	234,313	5,987,78
TROUT, STEELHEAD. .	340	7,960	9	180	-	-	349	8,14
TOTAL. . . .	1,296,791	29,609,513	1,335,800	31,460,007	1,382,330	35,460,910	4,014,921	96,530,43
SHELLFISH								
CLAMS:								
BUTTER . . .	74	1,380	-	-	-	-	74	1,3
JUICE. . . .	202	607	-	-	-	-	202	6
RAZOR. . . .	-	-	27,539	494,402	-	-	27,539	494,4
CRABS:								
DUNGENESS. .	1,446	33,256	7,008	153,112	-	-	8,454	186,3
KING	-	-	-	-	17,622	444,000	17,622	444,0
TOTAL. . . .	1,722	35,243	34,547	647,514	17,622	444,000	53,891	1,126,7
GRAND TOTAL.	1,298,513	29,644,756	1,370,347	32,107,521	1,399,952	35,904,910	4,068,812	97,657,1

(SEE FOOTNOTES ON NEXT PAGE)

HE PACKS OF SALMON AND TROUT HAVE BEEN CONVERTED TO "STANDARD CASES" OF 48 ONE POUND CANS: CRABS TO THE IIVALENT OF 48 CANS TO THE CASE, EACH CAN CONTAINING 6-1/2 OUNCES OF MEAT; CLAMS TO "STANDARD CASES" OF 48 1 CANS.

NCLUDES 30 CASES OF CANNED SMOKED SALMON VALUED AT $1,700 AND 22 CASES OF COHO, 166 CASES OF KING, AND 24 ES OF RED TIPS AND TAILS VALUED AT $3,180.

SUPPLEMENTARY REVIEW OF THE PRODUCTION OF FISHERY BYPRODUCTS, 1948

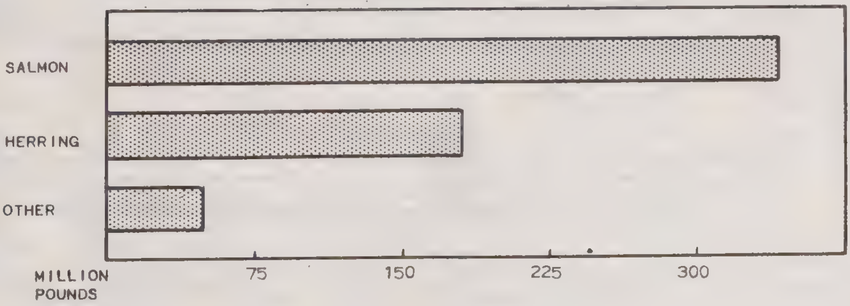
ITEM		SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LMON.	TONS	700	$70,000	360	$33,742	-	-	1,060	$103,742
RRING	DO	2,507	319,615	10,428	1,297,742	-	-	12,935	1,617,357
R-SEAL.	DO	-	-	-	-	341	$36,996	341	36,996
CL. FISH AND CRAB	DO	-	-	-	-	200	16,000	200	16,000
LMON.	GALLONS	45,000	47,250	28,033	30,226	-	-	73,033	77,476
RRING	DO	632,375	683,887	2,903,122	3,228,399	-	-	3,535,497	3,912,286
R-SEAL.	DO	-	-	-	-	47,711	42,484	47,711	42,484
LIBUT LIVER . . .	DO	630	56,688	-	-	-	-	630	56,688
LIBUT VISCERA . .	DO	639	86,274	-	-	-	-	639	86,274
ARK LIVER	DO	14,196	63,884	-	-	-	-	14,196	63,884
CL. LIVER AND VISCERA	DO	1,172	131,808	-	-	-	-	1,172	131,808
TOTAL	-	-	1,459,406	-	4,590,109	-	95,480	-	6,144,995

SUPPLEMENTARY REVIEW OF THE CATCH OF SALMON, 1948

SPECIES	SOUTHEAST ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
OOK OR KING. .	480,096	$1,763,589	117,291	$234,582	80,553	$120,829	677,940	$2,119,000
OR KETA . . .	4,004,499	2,600,277	3,445,346	792,430	878,368	158,106	8,328,213	3,550,813
. . . .	14,352,448	4,598,968	13,943,436	2,509,818	55,991	5,591	28,351,875	7,114,377
OR SOCKEYE . .	524,525	419,620	4,313,910	2,372,650	14,815,611	4,740,996	19,654,046	7,533,266
ER OR COHO . .	2,145,853	2,378,927	779,406	428,673	58,451	18,704	2,983,710	2,826,304
TOTAL. . . .	21,507,421	11,761,381	22,599,389	6,338,153	15,888,974	5,044,226	59,995,784	23,

--THE SALMON CATCH IS REPORTED IN NUMBERS OF FISH; ESTIMATED ROUND WEIGHTS IN POUNDS ARE SHOWN IN T CH TABLE.

ALASKA CATCH, 1948



FUR SEALS

SECTION 11.- HAWAIIAN FISHERIES

The following tabulation of the catch of fish and shellfish in the Territory of Hawaii, has been compiled from monthly reports submitted by the Board of Commissioners of Agriculture and Forestry of the Territory of Hawaii, Division of Fish and Game.

The catch listed has not been included in the tabulations of the catch of the United States and Alaska listed in the sections entitled 'General Review' or 'Review of Certain Major Fisheries'.

Detailed information on the operating units used in the Hawaiian fisheries is not available. Based on licenses issued during the fiscal year ending June 30, 1948, there were 3,009 fishermen employed in the Territory during that fiscal year. During the same period, 759 powered fishing craft and 276 rowboats were licensed to operate in the Hawaiian fisheries.

HAWAII: CATCH BY MONTHS, 1948

SPECIES		JANUARY		FEBRUARY		MARCH		APRIL	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:									
AMBERJACK	KAHALA	21,677	$7,395	33,544	$10,639	28,612	$8,880	29,314	$10,430
BIG EYE SCAD	AKULE	29,067	20,116	24,185	16,111	54,941	34,452	33,445	21,354
BLUE CREVALLE	OMILU	1,507	693	1,499	669	546	299	1,860	1,180
BONEFISH OR LADYFISH	OIO	7,921	3,388	2,900	1,202	11,327	3,500	7,020	3,088
CONVICT TANG	MANINI	1,617	894	2,822	1,481	2,462	1,176	1,463	675
DOLPHIN	MAHIMAHI	6,487	2,438	8,752	4,138	16,050	6,392	25,063	9,191
GOATFISH (M. AURIFLAMMA)	WEKE-ULA	2,050	1,670	1,741	1,370	3,526	1,838	2,462	1,535
GOATFISH(M. SAMOENSIS)	WEKE	6,055	4,265	5,217	3,311	10,056	6,165	8,782	5,139
GOATFISH(P. FRATERCULUS)	MOANO	1,205	1,034	1,960	1,504	1,625	1,229	2,149	1,675
GOATFISH(P. PORPHYREUS)	KUMU	1,832	2,192	1,900	2,263	1,297	1,514	1,429	1,596
JACK CREVALLE	ULUA	9,761	4,368	22,811	9,168	26,485	10,880	22,392	9,630
LOBSTER, SPINY	ULA	2,018	1,435	2,050	1,481	3,753	2,254	4,886	3,539
MACKEREL	OPELU	54,174	18,136	7,178	2,614	13,386	5,831	12,873	4,353
MILKFISH	AWA	740	302	2,211	695	2,855	774	9,568	2,027
MULLET	AMAAMA	15	4	-	-	12,452	7,298	4,016	2,193
OCTOPUS	HEE	1,524	784	386	294	281	210	653	336
SEA BASS	HAPUUPUU	4,359	2,040	4,128	1,868	6,568	3,010	7,240	3,252
SNAPPER:									
GRAY	UKU	4,435	1,876	4,714	1,970	4,018	2,081	6,124	3,056
PINK	KALEKALE	3,444	1,836	1,820	945	1,505	769	2,756	1,681
PINK	OPAKAPAKA	20,860	9,485	27,883	12,853	18,854	8,935	26,011	12,741
RED	EHU	3,489	2,374	4,662	3,401	2,281	1,498	3,867	3,207
RED	ULAULA	10,346	5,887	12,693	6,561	9,476	5,750	13,372	10,147
SQUIRREL OR BIG EYE FISH	UU	2,704	2,364	2,858	2,772	2,728	2,321	3,836	3,543
SWORDFISH	AU	52,415	19,089	102,001	31,049	102,401	37,461	93,865	43,934
THREADFISH	MOI	258	181	433	354	383	227	2,557	1,698
TUNA:									
ALBACORE BIG-EYED TUNA BLUEFIN TUNA YELLOWFIN TUNA	AHI	152,471	56,866	208,305	75,735	169,607	70,608	166,251	73,884
SKIPJACK	AKU	672,053	115,780	439,680	74,007	236,582	45,969	344,552	64,435
BONITO	KAWAKAWA	11,301	2,617	10,339	2,182	21,469	4,458	25,017	4,587
TOTAL TUNA		835,825	175,263	658,324	151,924	427,658	121,035	535,820	142,906
WAHOO	ONO	932	325	2,630	1,044	2,619	848	6,338	2,181
UNCLASSIFIED		30,177	8,698	50,534	17,291	29,103	7,823	24,926	8,078
TOTAL OCEAN CATCH		1,116,894	298,532	991,836	288,972	797,248	284,450	894,087	314,365
POND CATCH: 1/									
BARRACUDA	KAKU	46	23	26	13	-	-	44	32
BONEFISH OR LADYFISH	OIO	710	331	102	45	-	-	17	7
CLAM (V. PHILIPPINARUM)	OLEPE	758	243	1,194	382	1,001	320	894	286
CRABS:									
WHITE	KUAHONU	616	246	536	214	408	163	255	102
SAMOAN	-	158	63	98	42	351	125	350	130
EEL	PUHI	-	-	-	-	-	-	7	1
JACK CREVALLE	ULUA	141	113	-	-	40	36	-	-
MILKFISH	AWA	1,812	1,016	721	430	377	245	1,473	924
MOUNTAIN BASS OR SESELE	AHOLEHOLE	5	4	5	4	12	11	327	261
MULLET	AMAAMA	2,759	2,732	2,926	2,894	302	269	650	628
SHRIMP	OPAE	59	60	183	183	81	101	17	21
TEN POUNDER	AWAAWA	173	99	68	49	9	6	15	12
UNCLASSIFIED		8	9	-	-	470	325	-	-
TOTAL POND CATCH		7,245	4,939	5,859	4,256	3,051	1,601	4,049	2,404
GRAND TOTAL		1,124,139	303,471	997,695	293,228	800,299	286,051	898,136	316,769

1/ SALT-WATER.

HAWAII: CATCH BY MONTHS, 1948 - Continued

SPECIES		MAY		JUNE		JULY		AUGUST	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATCH:									
BERJACK	KAHALA	18,058	$6,391	8,590	$2,872	6,184	$1,962	6,151	$2,058
EYE SCAD	AKULE	85,975	48,844	68,095	41,211	48,526	34,950	47,189	27,824
E CREVALLE	OMILU	1,920	1,006	2,690	1,513	1,801	815	1,932	974
EFISH OR LADYFISH	OIO	4,451	2,028	5,293	1,664	7,304	3,397	5,505	2,456
VICT TANG	MANINI	2,157	1,021	1,174	532	1,285	641	2,060	1,065
PHIN	MAHIMAHI	20,378	7,258	15,505	5,632	12,088	4,872	11,409	4,486
TFISH (M. URIFLAMMA)	WEKE-ULA	1,083	679	873	576	1,608	1,176	1,161	813
TFISH (M. AMOENSIS)	WEKE	6,069	3,773	4,728	2,636	3,912	2,383	2,799	1,461
TFISH (P. RATERCULUS)	MOANO	2,074	1,748	2,227	1,795	3,176	2,568	3,597	2,928
TFISH (P. ORPHYREUS)	KUMU	1,140	1,299	1,361	1,579	1,444	1,552	1,123	1,192
K CREVALLE	ULUA	28,499	11,118	33,509	11,394	20,197	8,370	22,848	9,564
STER, SPINY	ULA	9,081	6,558	9	4	-	-	-	-
KEREL	OPELU	7,966	2,945	6,471	2,728	30,205	12,071	62,564	23,558
KFISH	AWA	6,638	1,791	4,948	1,043	5,440	1,344	4,812	1,159
LET	AMAAMA	3,560	1,762	4,683	2,127	6,541	3,678	4,966	2,585
OPUS	HEE	448	282	670	472	653	402	1,245	811
ROT FISH	UHU	13,438	6,323	-	-	-	-	-	-
BASS	HAPUUPUU	6,387	2,806	5,762	1,891	7,893	2,517	18,202	4,653
PPER:									
RAY	UKU	62	27	24,618	9,941	9,449	4,305	9,180	4,484
INK	KALEKALE	3,277	1,901	1,532	989	2,289	1,329	3,950	2,240
INK	OPAKAPAKA	43,289	7,150	13,348	5,430	5,753	2,667	9,025	4,004
ED	EHU	5,300	3,816	5,829	4,051	5,907	4,060	7,659	5,123
ED	ULAULA	13,007	9,309	9,078	6,121	7,141	4,846	4,801	3,364
RREL OR G EYE FISH	UU	4,585	3,844	9,856	7,784	14,184	10,263	17,189	11,196
DFISH	AU	92,971	37,593	162,169	47,546	146,596	36,421	148,669	39,000
EADFISH	MOI	1,853	1,098	2,081	1,462	1,518	1,045	1,053	711
A:									
BACORE G-EYED TUNA UEFIN TUNA LLOWFIN TUNA	AHI	115,701	57,110	161,361	63,192	140,498	49,865	152,990	63,947
IPJACK	AKU	568,140	109,244	1,136,811	175,842	1,889,457	274,539	1,249,561	180,258
UNITO	KAWAKAWA	7,210	1,474	12,514	2,162	3,677	891	4,998	1,013
TOTAL TUNA		691,051	167,828	1,310,686	241,196	2,033,632	325,295	1,407,549	245,218
O	ONA	8,915	2,923	16,048	4,259	12,495	2,915	10,813	3,075
ASSIFIED		24,254	7,008	28,108	6,918	29,531	7,519	34,210	8,962
TOTAL OCEAN CATCH		1,107,886	350,129	1,749,941	415,366	2,426,752	483,363	1,851,661	414,964
ATCH: 1/									
CUDA	KAKU	530	418	142	104	180	136	41	22
ISH OR DYFISH	OIO	1,612	521	452	186	108	53	28	10
(V. ILIPPINARUM)	OLEPE	617	197	888	284	748	241	-	-
BS:									
ITE	KUAHONU	308	139	443	196	237	107	-	-
AMOAN	-	318	122	353	137	288	124	25	6
NCLASSIFIED	PAPAI	-	-	-	-	58	26	94	39
K CREVALLE	ULUA	38	30	18	11	8	8	12	12
KFISH	AWA	1,907	859	327	89	2,230	1,112	2,852	1,134
NTAIN BASS OR SESELE	AHOLEHOLE	19	14	72	50	-	-	7	6
LET	AMAAMA	242	219	136	130	804	737	842	729
IMP	OPAE	18	22	31	39	34	68	-	-
POUNDER	AWAAWA	-	-	54	32	36	22	-	-
LASSIFIED		158	125	146	104	184	19	238	43
TOTAL POND CATCH		5,767	2,666	3,062	1,362	4,915	2,653	4,139	2,001
GRAND TOTAL		1,113,653	352,795	1,753,003	416,728	2,431,667	486,016	1,855,800	416,965

SALT-WATER.

HAWAII: CATCH BY MONTHS, 1948 - Continued

SPECIES		SEPTEMBER		OCTOBER		NOVEMBER	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:							
AMBERJACK	KAHALA	5,667	$1,878	6,995	$2,342	8,042	$2,924
BIG EYE SCAD	AKULE	59,019	31,732	40,166	23,746	25,739	16,342
BLUE CREVALLE	OMILU	3,465	1,512	7,871	3,402	2,040	918
BONEFISH OR LADYFISH	OIO	4,308	1,877	6,876	3,087	3,681	1,905
CONVICT TANG	MANINI	2,052	958	1,862	981	1,148	643
DOLPHIN	MAHIMAHI	12,297	5,214	18,848	7,369	12,702	5,274
GOATFISH (M. AURIFLAMMA)	WEKE-ULA	2,073	1,357	2,270	1,509	872	643
GOATFISH (P. SAMOENSIS)	WEKE	3,585	2,124	4,492	2,990	2,203	1,591
GOATFISH (P. FRATERCULUS)	MOANO	2,866	2,059	1,757	1,331	1,285	1,118
GOATFISH (P. PORPHYREUS)	KUMU	1,046	1,282	833	1,023	612	738
JACK CREVALLE	ULUA	16,398	7,610	20,299	8,468	14,108	6,083
LOBSTER, SPINY	ULA	7,619	3,973	6,704	4,628	2,281	1,646
MACKEREL	OPELU	128,950	34,269	80,505	25,099	43,395	16,718
MILKFISH	AWA	2,148	504	1,241	376	642	261
MULLET	AMAAMA	5,291	3,181	3,842	1,688	3,918	2,905
OCTOPUS	HEE	1,604	934	1,900	1,208	2,614	1,656
SEA BASS	HAPUUPUU	4,445	1,273	4,758	1,652	8,032	3,009
SNAPPER:							
GRAY	UKU	7,503	3,511	6,414	3,400	2,387	1,133
PINK	KALEKALE	3,250	1,736	2,703	1,358	1,776	1,079
PINK	OPAKAPAKA	9,193	4,332	14,811	6,862	16,628	8,215
RED	EHU	4,075	2,488	4,102	2,497	3,279	2,493
RED	ULAULA	7,211	5,113	6,640	4,409	6,383	4,362
SQUIRREL OR BIG EYE FISH	UU	12,158	7,945	12,949	8,755	3,890	2,857
SWORDFISH	AU	110,250	40,727	106,938	45,686	107,506	45,279
THREADFISH	MOI	2,211	1,364	572	320	209	155
TUNA:							
ALBACORE BIG-EYED TUNA BLUEFIN TUNA YELLOWFIN TUNA	AHI	122,087	50,789	119,239	60,053	168,643	74,752
SKIPJACK	AKU	821,536	125,091	355,036	60,904	206,066	46,254
BONITO	KAWAKAWA	5,618	1,285	11,400	2,594	12,374	2,263
TOTAL TUNA		949,241	177,165	485,675	123,551	387,083	123,269
WAHOO	ONO	14,369	4,333	6,078	1,882	2,754	918
UNCLASSIFIED		30,798	8,440	33,681	7,809	14,618	4,651
TOTAL OCEAN CATCH		1,413,092	358,891	891,782	297,428	679,827	258,785
POND CATCH: 1/							
BARRACUDA	KAKU	125	102	189	182	-	-
BONEFISH OR LADYFISH	OIO	144	81	667	432	1,170	761
CLAM (V. PHILIPPINARUM)	OLEPE	531	172	-	-	-	-
CRABS:							
WHITE	KUAHONU	12	3	20	6	10	4
SAMOAN	-	100	32	345	151	188	85
UNCLASSIFIED	PAPAI	55	22	-	-	-	-
JACK CREVALLE	ULUA	-	-	4	4	-	-
MILKFISH	AWA	771	314	524	211	-	-
MOUNTAIN BASS OR SESELE	AHOLEHOLE	-	-	5	4	550	275
MULLET	AMAAMA	488	442	260	231	392	392
TEN POUNDER	AWAAWA	72	48	76	53	30	21
UNCLASSIFIED		6	4	6	4	-	-
TOTAL POND CATCH		2,304	1,220	2,096	1,278	2,340	1,538
GRAND TOTAL		1,415,396	360,111	893,878	298,706	682,167	260,323

1/ SALT-WATER.

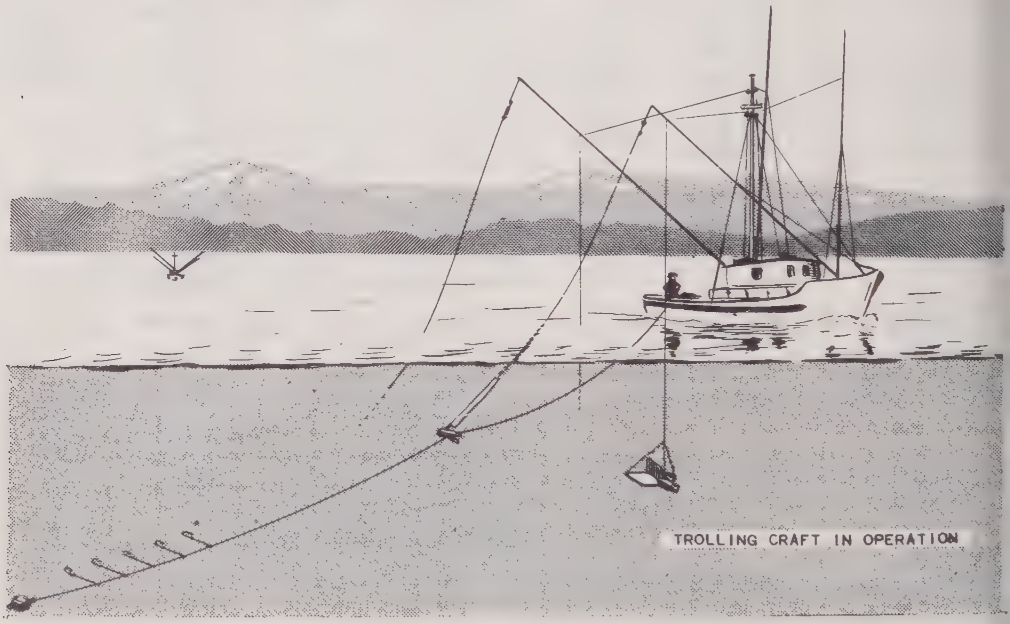
HAWAII: CATCH BY MONTHS. 1948 - Continued

SPECIES		DECEMBER		TOTAL	
ISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
ATCH:					
JACK.	KAHALA.	11,720	$4,972	184,554	$62,743
YE SCAD	AKULE	21,316	16,680	537,663	333,362
CREVALLE.	OMILU	5,588	2,855	32,719	15,836
ISH OR LADYFISH	OIO	3,117	1,676	69,703	29,268
CT TANG	MANINI.	2,276	1,273	22,378	11,340
IN.	MAHIMAHI.	8,685	3,984	168,264	66,248
ISH (M.AURIFLAMMA)	WEKE-ULA.	3,604	3,291	23,323	16,457
ISH (M. SAMOENSIS)	WEKE.	5,149	4,336	63,047	40,174
ISH (P.FRATERCULUS)	MOANO	1,640	1,457	25,561	20,446
ISH (P.PORPHYREUS)	KUMU.	1,275	1,559	15,292	17,789
CREVALLE.	ULUA.	17,170	7,512	254,477	104,165
TER, SPINY	ULA	3,289	2,329	41,690	27,847
REL	OPELU	54,529	23,497	502,196	171,819
ISH	AWA	419	102	41,662	10,378
T.	AMAAMA.	-	-	49,284	27,421
PUS.	HEE	2,516	1,629	14,494	9,018
T FISH.	UHU	-	-	13,438	6,323
BASS	HAPUUPUU.	4,810	2,182	82.584	30,153
PERS:					
AY	UKU	4,365	2,309	83,269	38,093
NK	KALEKALE.	2,287	1,583	30,589	17,446
NK	OPAKAPAKA	14,971	7,704	220,626	90,378
).	EHU	3,743	2,556	54,193	37,564
).	ULAULA.	4,318	3,366	104,466	69,235
RREL OR BIG					
FISH	UU.	6,608	5,327	93,545	68,971
OFISH.	AU.	186,664	79,836	1,412,445	503,621
ADFISH	MOI	244	159	13,372	8,774
:					
BACORE G-EYED TUNA UEFIN TUNA LLOWFIN TUNA	AHI	198,194	103,091	1,875,347	799,892
PJACK	AKU	73,295	18,662	7,992,769	1,290,985
ITO	KAWAKAWA.	5,818	1,759	131,735	27,285
OTAL TUNA		277,307	123,512	9,999,851	2,118,162
. . . .	ONO	2,538	956	86,529	25,659
ASSIFIED	. . . .	24,398	8,299	354,338	101,496
OTAL OCEAN CATCH		674,546	314,941	14,595,552	4,080,186
TCH: 1/					
CUDA.	KAKU.	67	55	1,390	1,087
FISH OR LADYFISH	OIO	1,095	696	6,105	3,123
.PHILLPPINARUM)	OLEPE	-	-	6,631	2,125
:					
E	KUAHONU	-	-	2,845	1,180
AN.	-	354	107	2,928	1,124
ASSIFIED. . . .	PAPAI	-	-	207	87
. . . .	PUHI.	-	-	7	1
CREVALLE.	ULUA.	9	9	270	223
ISH	AWA	1,120	585	14,114	6,919
TAIN BASS OR					
SELE	AHOLEHOLE	10	8	1,012	637
ET.	AMAAMA.	3,929	4,034	13,730	13,437
MP	OPAE.	-	-	423	494
POUNDER.	AWAAWA.	375	259	908	601
ASSIFIED	. . . .	25	5	1,241	638
TOTAL POND CATCH		6,984	5,758	51,811	31,676
GRAND TOTAL		681,530	320,699	14,647,363	4,111,862

LT-WATER.

SECTION 12.- REVIEW OF CERTAIN MAJOR FISHERI

There are presented in this section of the Digest complete data on the catch of
tain of the major species of fish and shellfish taken commercially in the United St
and Alaska. Although these data are included in the detailed catch tables for the var
states, they have been republished in individual fishery tables in this portion of
report to provide readers with a single source of catch data for cod, haddock, hali
mackerel, menhaden, pilchard, rosefish, salmon, tuna, and whales. Statistics on
oyster and shrimp fisheries are being omitted this year since data were not collecte
the South Atlantic States, including the west coast of Florida, for 1948, and a subs
tial portion of the catch of these items comes from that area. Most of the above spe
are taken by fishermen operating in several states or districts, and a number are t
by several types of fishing gear. Because of this, the casual reader of the Di
often experiences difficulty in locating complete data on the catch of the specie
individual state catch tables. The information contained in this section includes
volume and value of the catch by individual types of gear and by states and distri



TROLLING CRAFT IN OPERATION

UNITED STATES AND ALASKA COD FISHERY

During 1948 the fishermen of the United States and Alaska caught 80,007,970 po
of cod valued at $5,075,356 to the fishermen. This was an increase of 7.6 mil
pounds, and a gain of $897,542 in value compared with the previous year.

Otter trawls accounted for 79 percent of the cod catch; lines, 16 percent; and
nets, 4 percent. Other types of gear, principally floating traps, and pound n
accounted for the remaining 1 percent.

Massachusetts, with a catch of 60.7 million pounds of cod, led in the productio
this species, followed by Maine, (6.3 million pounds), and Washington, (6.2 mil
pounds).

In all areas, except Alaska, the major portion of the catch was taken with o
trawls. Lines accounted for the entire Alaskan catch.

SUMMARY OF COD CATCH, 1948

ATE	OTTER TRAWLS		LINES		GILL NETS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAND:								
. . . .	2,355,500	$114,920	2,484,500	$104,247	1,546,200	$141,208	-	-
AMPSHIRE . .	-	-	7,500	458	-	-	-	-
CHUSETTS . .	52,405,000	3,324,903	6,844,100	454,055	1,494,600	78,440	5,300	$255
ISLAND. . .	300,900	18,776	201,800	12,900	-	-	287,700	17,949
CTICUT . . .	310,000	34,000	7,000	721	-	-	-	-
OTAL.	55,371,400	3,492,599	9,544,900	572,381	3,040,800	219,648	293,000	18,204
ATLANTIC:								
ORK.	1,446,400	180,750	292,800	36,610	-	-	-	-
ERSEY. . . .	256,700	43,369	685,900	116,603	100	17	-	-
WARE.	5,400	864	-	-	-	-	-	-
OTAL.	1,708,500	224,983	978,700	153,213	100	17	-	-
AKE:								
AND.	57,300	2,865	-	-	-	-	-	-
NIA.	10,400	491	700	42	-	-	-	-
OTAL.	67,700	3,356	700	42	-	-	-	-
COAST:								
NGTON. . . .	6,284,200	257,651	2,300	92	1,900	78	-	-
ON.	34,300	1,405	-	-	-	-	-	-
OTAL.	6,318,500	259,056	2,300	92	1,900	78	-	-
. . . .	-	-	2,337,770	73,860	-	-	-	-
RAND TOTAL. .	63,466,100	3,979,994	12,864,370	799,588	3,042,800	219,743	293,000	18,204

TATE	POUND NETS		PURSE SEINES		HAUL SEINES		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAND:								
. . . .	-	-	-	-	-	-	6,386,200	$360,375
AMPSHIRE . .	-	-	-	-	-	-	7,500	458
CHUSETTS . .	200	$13	400	$19	-	-	60,749,600	3,857,685
E ISLAND. . .	-	-	-	-	-	-	790,400	49,625
CTICUT . . .	-	-	-	-	-	-	317,000	34,721
TAL.	200	13	400	19	-	-	68,250,700	4,302,864
ATLANTIC:								
ORK.	2,600	328	-	-	1,500	$190	1,743,300	217,878
ERSEY. . . .	336,900	57,273	-	-	-	-	1,279,600	217,262
ARE.	-	-	-	-	-	-	5,400	864
TAL.	339,500	57,601	-	-	1,500	190	3,028,300	436,004
KE:								
ND.	-	-	-	-	-	-	57,300	2,865
IA.	-	-	-	-	-	-	11,100	533
AL.	-	-	-	-	-	-	68,400	3,398
COAST:								
NGTON. . . .	-	-	-	-	100	4	6,288,500	257,825
ON.	-	-	-	-	-	-	34,300	1,405
OTAL.	-	-	-	-	100	4	6,322,800	259,230
. . . .	-	-	-	-	-	-	2,337,770	73,860
RAND TOTAL. .	339,700	57,614	400	19	1,600	194	80,007,970	5,075,356

ATLANTIC COAST HADDOCK FISHERY

The production of haddock in the United States during 1948 amounted to 156,374,800 pounds valued at $12,448,447 to the fishermen, compared with 166.3 million pounds, valued at 11.5 million dollars during the preceding year. The catch of large haddock in the New England States during 1948 continued to decline noticeably, but this decrease was offset by increased landings of scrod (small) haddock.

Otter trawls accounted for 97 percent of the total catch. The remaining 3 percent was taken with hand and trawl lines and gill nets.

Almost 99 percent of the total catch was landed in the New England States. The remaining 1 percent was taken in New York, New Jersey and Virginia. Massachusetts alone accounted for 95 percent of the total catch.

SUMMARY OF HADDOCK CATCH, 1948

STATE	LINES, HAND AND TRAWL		OTTER TRAWLS		GILL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VA
NEW ENGLAND:								
MAINE	400,600	$32,468	5,521,500	$395,838	129,000	$13,685	6,051,100	$441
NEW HAMPSHIRE . .	2,000	238	-	-	-	-	2,000	
MASSACHUSETTS . .	4,412,600	367,944	144,015,500	11,418,008	102,200	6,861	148,530,300	11,792
RHODE ISLAND. . .	-	-	17,600	1,292	-	-	17,600	1
CONNECTICUT . . .	-	-	6,000	500	-	-	6,000	
TOTAL.	4,815,200	400,650	149,560,600	11,815,638	231,200	20,546	154,607,000	12,236
MIDDLE ATLANTIC:								
NEW YORK.	-	-	1,757,600	210,900	-	-	1,757,600	210
NEW JERSEY. . . .	-	-	10,100	707	-	-	10,100	
TOTAL.	-	-	1,767,700	211,607	-	-	1,767,700	211
CHESAPEAKE, VIRGINIA.	-	-	100	6	-	-	100	
GRAND TOTAL. .	4,815,200	400,650	151,328,400	12,027,251	231,200	20,546	156,374,800	12,448

PACIFIC COAST HALIBUT FISHERY

The total North Pacific halibut catch by both United States and Canadian craft during 1948 totaled 54,154,000 pounds, a decrease of a half million pounds compared with the previous year. The quota set by the International Fisheries Commission for 1948 was 54 million pounds, the same as in 1947.

The 1948 halibut fishing season opened on May 1. The fishery south of Cape Spencer (Area II) closed on June 1, and west of Cape Spencer (Area III) on July 11, limiting the fishery to 72 days. This was the shortest season on record.

Landings of halibut by American vessels in Alaskan ports increased steadily from a low of seven million pounds in 1939 to a high of over 27 million pounds in 1948. The trend for heavier landings in Alaska was influenced largely by 3 major developments; first, the establishment of freezing facilities at more strategic ports, and the improvement of port facilities in landing centers already in use; second, a more equitable price range for halibut at Alaskan ports, comparable to Seattle; and third, shorter seasons and increased operations by smaller craft, which encouraged fishermen to sell at Alaskan ports nearer the fishing grounds so that additional trips could be made.

Data on landings of halibut listed in the following tables represent the dressed weight of the fish, which is the weight upon which the quota is based, while those in the various state and sectional tables represent the round weight of the catch. The dressed weight can be converted to round weight by multiplying by 1.33.

SUMMARY OF UNITED STATES HALIBUT FLEET OPERATING UNITS, 1948

ITEM	WASHINGTON FLEET	ALASKA FLEET	TOTAL
	NUMBER	NUMBER	NUMBER
HALIBUT VESSELS:			
R	174	309	483
ONNAGE.	5,665	4,083	9,738
. . . .	1,181	1,202	2,383
B OF LINES.	5,314	5,409	10,723
HALIBUT BOATS:			
R	-	44	44
. . . .	-	90	90
B OF LINES.	-	338	338
RIMARILY IN OTHER FISHERIES BUT LANDING SMALL OF HALIBUT: 1/			
R	-	125	125
. . . .	-	250	250
S OF LINES.	-	1,000	1,000

NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.

HE FLEET CLASSIFICATION IS THAT OF THE INTERNATIONAL FISHERIES COMMISSION, UNDER WHICH CRAFT LISTED BY MMISSION AS HAVING THEIR HOME PORT IN ALASKA ARE INCLUDED IN THE "ALASKA FLEET" AND ALL OTHER CRAFT OF STATES REGISTRY ARE INCLUDED IN THE "WASHINGTON FLEET" IF THEY LAND HALIBUT IN SEATTLE, BRITISH COLUM-R ALASKA.

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1948

(EXPRESSED IN THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ET CLASSIFICATION	LANDED IN						TOTAL	
	SEATTLE, WASHINGTON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
TATES & ALASKA FLEET	9,080	1,880	2,479	445	23,807	3,655	35,366	5,980
COLUMBIA FLEET . . .	-	-	18,610	3,013	178	31	18,788	3,044
AL	9,080	1,880	21,089	3,458	23,985	3,686	54,154	9,024

CATCH BY UNITED STATES HALIBUT FLEET, 1948

TEM	LANDED IN						TOTAL	
	SEATTLE, WASHINGTON		BRITISH COLUMBIA		ALASKA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SELS AND BOATS:								
BUT.	9,079,738	$1,879,585	2,479,421	$445,056	23,806,961	$3,655,115	35,366,120	$5,979,756
EFISH.	1,372,309	227,706	-	-	4,713,764	511,093	6,086,073	738,799
COD.	491,683	53,744	-	-	62,858	2,944	554,541	56,688
FISHES	229,698	14,387	-	-	33,092	1,197	262,790	15,584
OTAL	11,173,428	2,175,422	2,479,421	445,056	28,616,675	4,170,349	42,269,524	6,790,827

IN ADDITION TO THE ABOVE THERE WERE 1,263,738 POUNDS OF HALIBUT, SABLEFISH, LINGCOD, ROCKFISH, GRAYFISH H), SOUPFIN SHARK AND MISCELLANEOUS LIVERS VALUED AT $2,020,705 LANDED BY THE UNITED STATES HALIBUT T PACIFIC COAST PORTS DURING 1948. THESE VESSELS ALSO LANDED 1,534,534 POUNDS OF HALIBUT, SABLEFISH, AND ROCKFISH VISCERA VALUED AT $796,131. VESSELS OF THE CANADIAN HALIBUT FLEET LANDED A TOTAL OF ,610 POUNDS OF HALIBUT VALUED AT $3,043,871 DURING 1948, OF WHICH 178,321 POUNDS VALUED AT $31,486 WERE IN ALASKA.

ATISTICS IN THE ABOVE TABLES ARE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL FISHERIES COMMISSION HINGTON AND BRITISH COLUMBIA, AND BY FISH AND WILDLIFE SERVICE AGENTS FOR ALASKA. THIS TABULATION T INCLUDE LANDINGS AT PORTS SOUTH OF SEATTLE, WASHINGTON, WHICH AVERAGE LESS THAN 3 PERCENT OF THE PACIFIC COAST CATCH. THESE DATA REPRESENT DRESSED WEIGHT, THE WEIGHT UPON WHICH THE QUOTA IS BASED.

ATLANTIC COAST MACKEREL FISHERY

During 1948 the mackerel catch on the Atlantic Coast amounted to 51,060,200 pounds, valued at $3,694,473 to the fishermen. This was a decrease of 7.7 million pounds compared with the 1947 production, but a gain of $221,178 in value. The largest decrease occurred in purse seine landings in Massachusetts which totaled only 23,722,400 pounds, a decline of 43 percent compared with 1947. The pound net catch taken principally in Massachusetts, increased 7.1 million pounds as compared with 1947.

Massachusetts accounted for 69 percent of the 1948 mackerel catch, while New Jersey and Maine accounted for 10 and 8 percent respectively. Landings in New York, Virginia, Rhode Island, Connecticut, Maryland, New Hampshire, and Delaware yielded the remaining 13 percent.

The purse seine was the principal gear used in the Atlantic mackerel fishery yielding 54 percent of the catch. Other gears used in this fishery, in order of importance were pound nets, lines, gill nets, floating traps, otter trawls, weirs, and stop seines.

SUMMARY OF ATLANTIC MACKEREL CATCH, 1948

STATE	PURSE SEINES		STOP SEINES		GILL NETS			
					ANCHOR		DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE	2,872,000	$143,548	266,200	$6,660	-	-	84,000	$4,62
MASSACHUSETTS . .	23,722,400	1,366,266	-	-	-	-	465,900	26,86
NEW HAMPSHIRE . .	-	-	-	-	-	-	8,400	80
RHODE ISLAND. . .	667,500	49,264	-	-	-	-	17,500	2,00
CONNECTICUT . . .	-	-	-	-	2,000	$225	-	-
TOTAL.	27,261,900	1,559.078	266,200	6,660	2,000	225	575,800	34,29
MIDDLE ATLANTIC:								
NEW YORK.	-	-	-	-	-	-	40,000	5,60
NEW JERSEY. . . .	507,200	40,576	-	-	-	-	1,564,000	124,52
TOTAL.	507,200	40,576	-	-	-	-	1,604,000	130,12
CHESAPEAKE:								
MARYLAND.	-	-	-	-	-	-	180,000	16,20
VIRGINIA.	21,700	1,953	-	-	-	-	1,817,500	155,38
TOTAL.	21,700	1,953	-	-	-	-	1,997,500	171,58
GRAND TOTAL. .	27,790,800	1,601,607	266,200	6,660	2,000	225	4,177,300	335,99

STATE	GILL NETS - CONT'D.		LINES					
	RUNAROUND		HAND		TROLL		TRAWL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:								
MAINE	-	-	28,000	$1,660	-	-	-	-
MASSACHUSETTS . .	-	-	-	-	-	-	700	$6
RHODE ISLAND. . .	-	-	-	-	6,400	$617	-	-
CONNECTICUT . . .	-	-	150,300	18,540	-	-	-	-
TOTAL.	-	-	178,300	20,200	6,400	617	700	6
MIDDLE ATLANTIC:								
NEW YORK.	-	-	2,284,300	286,175	-	-	-	-
NEW JERSEY. . . .	426,300	$34,104	2,245,000	179,600	-	-	-	-
TOTAL.	426,300	34,104	4,529,300	465,775	-	-	-	-
GRAND TOTAL. .	426,300	34,104	4,707,600	485,975	6,400	617	700	8

STATE	POUND NETS		FLOATING TRAPS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
NEW ENGLAND:						
MAINE	-	-	534,200	$28,539	305,100	$6,71
MASSACHUSETTS . .	9,260,600	$932,547	1,676,600	87,529	-	-
RHODE ISLAND. . .	-	-	309,200	25,664	-	-
CONNECTICUT . . .	200	25	-	-	-	-
TOTAL.	9,260,800	932,572	2,520,000	141,732	305,100	6,71

(CONTINUED ON NEXT PAGE)

SUMMARY OF ATLANTIC MACKEREL CATCH, 1948 - Continued

TATE	POUNDS NETS		FLOATING TRAPS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ATLANTIC:						
YORK.	65,100	$8,775	-	-	-	-
JERSEY. . . .	440,100	35,208	-	-	-	-
OTAL.	505,200	43,983	-	-	-	-
AKE:						
LAND.	8,500	765	-	-	-	-
INIA.	52,900	4,761	-	-	-	-
OTAL.	61,400	5,526	-	-	-	-
RAND TOTAL. .	9,827,400	982,081	2,520,000	$141,732	305,100	$6,718

STATE	OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
NGLAND:				
NE	2,000	$165	4,091,500	$191,917
SACHUSETTS	335,000	25,620	35,461,200	2,438,894
HAMPSHIRE	-	-	8,400	800
DE ISLAND.	18,800	1,550	1,019,400	79,095
NECTICUT	50,000	5,400	202,500	24,190
TOTAL.	405,800	32,735	40,783,000	2,734,896
E ATLANTIC:				
YORK.	172,400	24,145	2,561,800	324,695
JERSEY.	52,200	4,176	5,234,800	418,184
AWARE.	1,000	80	1,000	80
TOTAL.	225,600	28,401	7,797,600	742,959
EAKE:				
LAND.	11,200	1,008	199,700	17,973
NIA.	387,800	36,544	2,279,900	198,645
TOTAL.	399,000	37,552	2,479,600	216,618
RAND TOTAL.	1,030,400	98,688	51,060,200	3,694,473

PACIFIC COAST MACKEREL FISHERY

The catch of Pacific mackerel during 1948 amounted to 39,387,300 pounds, valued a $1,380,659 to the fishermen. This represented a decrease of 7 million pounds compare with the previous year.

Nearly the entire Pacific mackerel catch was taken in California. The San Pedr district accounted for 99 percent of the 1948 catch with the San Diego, Monterey, an San Francisco districts and the State of Washington contributing the remaining 1 percent

Mackerel taken by brail or scoop nets accounted for 71 percent of the 1948 catch an seines 28 percent. The balance was taken by gill and trammel nets, and lines.

SUMMARY OF PACIFIC MACKEREL CATCH, 1948

DISTRICT	SEINES		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VAL
CALIFORNIA:						
SAN FRANCISCO	2,500	$74	-	-	-	
MONTEREY	107,900	4,556	2,600	$109	42,900	$1,
SAN PEDRO	10,853,600	379,304	19,600	685	66,700	2,
SAN DIEGO	195,100	8,292	19,700	836	190,500	8,
TOTAL	11,159,100	392,226	41,900	1,630	300,100	12,
WASHINGTON, WASHINGTON COAST	-	-	-	-	1,500	
GRAND TOTAL	11,159,100	392,226	41,900	1,630	301,600	12,

DISTRICT	BRAIL OR SCOOP NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
CALIFORNIA:				
SAN FRANCISCO	-	-	2,500	$7
MONTEREY	-	-	153,400	6,47
SAN PEDRO	27,884,700	$974,492	38,824,600	1,356,8
SAN DIEGO	-	-	405,300	17,22
TOTAL	27,884,700	974,492	39,385,800	1,380,50
WASHINGTON, WASHINGTON COAST	-	-	1,500	7
GRAND TOTAL	27,884,700	974,492	39,387,300	1,380,65

ATLANTIC AND GULF COAST MENHADEN FISHERY

During 1948 the catch of menhaden established a new record of 1,010,590,730 pounds valued at $11,734,715 to the fishermen. This represented an increase of 42,603,63 pounds or 4 percent in quantity but a decrease of $446,240 or 4 percent in value compared with the 1947 catch. Practically the entire 1948 menhaden production was used i the manufacture of oil and meal, with only small quantities being used for bait.

The value of manufactured menhaden products during 1948 totaled $21,693,093. Dr scrap and meal, including a small amount of acidulated scrap, with a value of $11,560,914 accounted for 53 percent of the total value, while menhaden oil, valued at $10,132,179 made up the remaining 47 percent. There were 31 plants which processed menhaden durin 1948. The same number operated during 1947.

SUMMARY OF MENHADEN CATCH, 1948

ATE	PURSE SEINES		HAUL SEINES		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAND:						
. . . .	18,800	$151	-	-	-	-
CTICUT	-	-	-	-	78,700	$787
TAL.	18,800	151	-	-	78,700	787
ATLANTIC:						
ORK.	76,540,800	774,427	-	-	-	-
ERSEY.	148,259,800	1,793,944	-	-	-	-
ARE.	148,302,500	2,053,152	-	-	-	-
TAL.	373,103,100	4,621,523	-	-	-	-
AKE:						
AND.	-	-	1,000	$13	-	-
NIA.	140,303,900	1,487,221	1,433,000	10,712	-	-
TAL.	140,303,900	1,487,221	1,434,000	10,725	-	-
TLANTIC: 1/						
CAROLINA. . . .	198,270,400	2,106,866	-	-	-	-
CAROLINA. . . .	4,776,430	38,684	-	-	-	-
COAST FLORIDA. .	46,352,600	343,044	-	-	-	-
TAL.	249,399,430	2,488,594	-	-	-	-
COAST FLORIDA 1/	33,924,100	353,587	-	-	-	-
SSIPPI	68,636,100	907,438	-	-	-	-
IANA	88,110,400	1,308,016	-	-	-	-
S	28,184,900	263,120	-	-	-	-
TAL.	218,855,500	2,832,161	-	-	-	-
RAND TOTAL. . . .	981,680,730	11,429,650	1,434,000	10,725	78,700	787

ATE	LINES		POUND NETS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAND:						
. . . .	-	-	-	-	5,300	$76
CHUSETTS	-	-	1,014,100	$12,767	30,700	398
ISLAND.	-	-	-	-	35,100	609
CTICUT	800	$95	30,000	300	-	-
TAL.	800	95	1,044,100	13,067	71,100	1,083
ATLANTIC:						
ORK.	-	-	311,200	3,100	-	-
RSEY.	-	-	15,770,900	197,865	-	-
TAL.	-	-	16,082,100	200,965	-	-
KE:						
ND.	-	-	543,300	5,441	-	-
NIA.	32,900	246	9,591,800	72,368	-	-
TAL.	32,900	246	10,135,100	77,809	-	-
RAND TOTAL. . . .	33,700	341	27,261,300	291,841	71,100	1,083

ATE	FYKE NETS		OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GLAND:						
E	-	-	-	-	24,100	$227
ACHUSETTS	-	-	2,500	$31	1,047,300	13,196
E ISLAND.	-	-	-	-	35,100	609
ECTICUT	-	-	-	-	109,500	1,182
TAL.	-	-	2,500	31	1,216,000	15,214

(CONTINUED ON NEXT PAGE)

OOTNOTE AT END OF TABLE

SUMMARY OF MENHADEN CATCH, 1948 - Continued

STATE	FYKE NETS		OTTER TRAWLS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	
MIDDLE ATLANTIC:						
NEW YORK.	-	-	-	-	76,852,000	$77
NEW JERSEY.	-	-	3,000	$90	164,033,700	1,99
DELAWARE.	-	-	-	-	148,302,500	2,05
TOTAL.	-	-	3,000	90	389,188,200	4,82
CHESAPEAKE:						
MARYLAND.	-	-	20,300	122	564,600	
VIRGINIA.	5,400	$45	-	-	151,367,000	1,57
TOTAL.	5,400	45	20,300	122	151,931,600	1,57
SOUTH ATLANTIC:1/						
NORTH CAROLINA. . . .	-	-	-	-	198,270,400	2,10
SOUTH CAROLINA. . . .	-	-	-	-	4,776,430	3
EAST COAST FLORIDA. .	-	-	-	-	46,352,600	34
TOTAL.	-	-	-	-	249,399,430	2,48
GULF:						
WEST COAST FLORIDA1/.	-	-	-	-	33,924,100	35
MISSISSIPPI	-	-	-	-	68,636,100	90
LOUISIANA	-	-	-	-	88,110,400	1,30
TEXAS	-	-	-	-	28,184,900	26
TOTAL.	-	-	-	-	218,855,500	2,83
GRAND TOTAL. . . .	5,400	45	25,800	243	1,010,590,730	11,73

1/ REPRESENTS ONLY THE CATCH MADE BY THE MENHADEN FLEET.
NOTE:--TO CONVERT WEIGHT IN POUNDS TO NUMBER OF FISH DIVIDE BY 0.67.

PACIFIC COAST PILCHARD FISHERY

During 1948 the catch of pilchards amounted to 373,158,900 pounds, valued at $11,010,35 to the fishermen. This represented an increase of slightly over 100 million pounds o 37 percent in quantity and $4,870,900 or 79 percent in value compared with the low leve of the previous year.

The price paid to fishermen at the beginning of the 1948 season was $67.50 per to compared to $45 the previous season. The price dropped to $50 by the end of the season compared to $60 per ton at the close of the 1947 season. Undoubtedly the take of pilchards in southern California would have been greater if the canners had not impose daily limits upon the catch of each vessel throughout most of the 1948 season, and i fishing had not been interrupted by price negotiations on two occasions.

SUMMARY OF PILCHARD CATCH, 1948

STATE & DISTRICT	PURSE SEINES, LAMPARA AND RING NETS		HAUL SEINES		GILL AND TRAMMEL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VAL
WASHINGTON, PUGET SOUND DISTRICT. .	-	-	108,400	$4,985	-	-	108,400	$4,
OREGON:								
COASTAL DISTRICT. . . .	-	-	400	12	-	-	400	
COLUMBIA RIVER DISTRICT	11,013,000	$273,122	-	-	-	-	11,013,000	273,
TOTAL	11,013,000	273,122	400	12	-	-	11,013,400	273,
CALIFORNIA:								
NORTHERN DISTRICT . . .	-	-	-	-	7,300	$867	7,300	
SAN FRANCISCO DISTRICT.	229,800	6,297	-	-	-	-	229,800	6,
MONTEREY DISTRICT . . .	95,513,500	3,161,497	-	-	500	17	95,514,000	3,161,
SAN PEDRO DISTRICT. . .	258,269,800	7,414,343	-	-	11,300	325	258,281,100	7,414,
SAN DIEGO DISTRICT. . .	8,004,900	148,891	-	-	-	-	8,004,900	148,
TOTAL	362,018,000	10,731,028	-	-	19,100	1,209	362,037,100	10,732,
GRAND TOTAL	373,031,000	11,004,150	108,800	4,997	19,100	1,209	373,158,900	11,010,

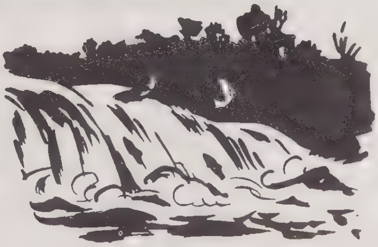
ROSEFISH FISHERY

The 1948 catch of rosefish (ocean perch), totaled 238,095,700 pounds, valued at $9,646,884 to the fishermen. This was 59,943,500 pounds and $1,898,241 above the former high year of 1946. Seventy-nine percent of the 1948 catch was landed at Massachusetts ports. With the exception of 500 pounds landed in Maryland, the remainder was landed in Maine, principally at Portland and Rockland. Since 1939, the leading port for this species has been Gloucester, Massachusetts

The entire rosefish catch is used for producing fillets, most of which are frozen. Waste from filleting is used in the manufacture of rosefish meal and oil.

SUMMARY OF ROSEFISH CATCH, 1948

STATE	LINES, TRAWL		OTTER TRAWLS		GILL NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ENGLAND:								
AINE.	300	$7	49,035,000	$1,711,578	6,100	$184	49,041,400	$1,711,769
ASSACHUSETTS	-	-	189,053,800	7,935,101	-	-	189,053,800	7,935,101
TOTAL	300	7	238,088,800	9,646,679	6,100	184	238,095,200	9,646,870
SAPEAKE, ARYLAND.	-	-	500	14	-	-	500	14
GRAND TOTAL	300	7	238,089,300	9,646,693	6,100	184	238,095,700	9,646,884



PACIFIC COAST SALMON FISHERY

The salmon catch in the United States and Alaska during 1948 totaled 403,749,970 pounds, a decline of 94 million pounds or 19 percent compared with the previous year. The decrease during 1948 was due primarily to a decrease of nearly 52 million pounds in the Puget Sound District of Washington, where the catch of pink salmon amounted to only 1,600 pounds compared with 52 million pounds in 1947. Pink salmon are taken in quantity in Puget Sound only in the odd-numbered years. The catch of all species of salmon in the Central District of Alaska declined 32.5 million pounds and in the Western District 21 million pounds compared with 1947. Southeastern Alaska and the Washington Coast were the only areas in the Pacific Coast States and Alaska to show a gain over the production of the previous year. The total salmon catch for California showed a decrease of 3.7 million pounds, while the Oregon catch for the same year declined 1.8 million pounds compared with 1947.

The most important types of gear used in taking salmon were gill nets, purse seines, and pound nets (including floating traps). The catch of each of these types amounted to over 100 million pounds. Smaller quantities were taken by lines, haul seines, dip nets, and reef nets.

Of the total catch, Alaska produced 84 percent; Washington, 9 percent; Oregon, 5 percent; and California, 2 percent.

SALMON CATCH BY DISTRICTS AND GEAR, 1948

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN	CENTRAL	WESTERN	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
PURSE SEINES: 1/				
CHINOOK OR KING	4,540	41,280	41,140	86,960
CHUM OR KETA.	15,242,160	18,569,792	1,718,496	35,530,448
PINK.	17,342,088	34,296,436	6,056	51,644,580
RED OR SOCKEYE.	677,130	6,245,946	2,812,482	9,735,558
SILVER OR COHO.	1,106,523	541,683	47,880	1,696,086
TOTAL.	34,372,441	59,695,137	4,626,054	98,693,632
GILL NETS:				
CHINOOK OR KING	410,280	1,559,540	1,569,920	3,539,740
CHUM OR KETA.	418,160	1,823,104	5,308,448	7,549,712
PINK.	563,612	2,146,988	217,908	2,928,508
RED OR SOCKEYE.	1,242,660	10,077,822	86,081,184	97,401,666
SILVER OR COHO.	1,968,021	4,256,928	478,179	6,703,128
TOTAL.	4,602,733	19,864,382	93,655,639	118,122,754
LINES:				
CHINOOK OR KING	9,181,680	-	-	9,181,680
CHUM OR KETA.	498,368	-	-	498,368
PINK.	618,420	248	-	618,668
RED OR SOCKEYE.	4,506	-	-	4,506
SILVER OR COHO.	11,461,932	3,276	-	11,465,208
TOTAL.	21,764,906	3,524	-	21,768,430
POUND NETS (INCLUDING FLOATING TRAPS):				
CHINOOK OR KING	5,420	745,000	-	750,420
CHUM OR KETA.	15,877,304	7,169,872	-	23,047,176
PINK.	38,885,672	19,330,072	-	58,215,744
RED OR SOCKEYE.	1,222,854	9,559,692	-	10,782,546
SILVER OR COHO.	4,776,201	2,212,767	-	6,988,968
TOTAL.	60,767,451	39,017,403	-	99,784,854
GRAND TOTAL.	121,507,531	118,580,446	98,281,693	338,369,670

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALU
PURSE SEINES:								
CHINOOK OR KING .	348,900	$60,362	-	-	-	-	348,900	$60,3
CHUM OR KETA. . .	7,817,800	1,399,388	-	-	-	-	7,817,800	1,399,3
PINK.	700	87	-	-	-	-	700	
RED OR SOCKEYE. .	5,244,300	1,578,541	-	-	-	-	5,244,300	1,578,5
SILVER OR COHO. .	2,178,900	485,893	-	-	-	-	2,178,900	485,8
TOTAL. . . .	15,590,600	3,524,271	-	-	-	-	15,590,600	3,524,2
HAUL SEINES: 2/								
CHINOOK OR KING .	7,800	1,358	-	-	-	-	7,800	1,3
CHUM OR KETA. . .	39,000	6,987	-	-	-	-	39,000	6,9
SILVER OR COHO. .	28,000	6,236	-	-	-	-	28,000	6,2
TOTAL. . . .	74,800	14,581	-	-	-	-	74,800	14,5

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICTS AND GEAR, 1948 - Continued

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
L NETS:								
CHINOOK OR KING .	525,900	$149,817	540,900	$114,653	3,442,100	$719,404	4,508,900	$983,874
CHUM OR KETA. . .	1,112,000	206,660	1,147,100	152,566	380,500	45,656	2,639,600	404,882
PINK.	100	17	-	-	-	-	100	17
RED OR SOCKEYE. .	437,800	131,765	330,900	120,463	5,600	1,296	774,300	253,524
SILVER OR COHO. .	1,124,200	291,431	1,063,400	232,899	252,700	50,546	2,440,300	574,876
TOTAL.	3,200,000	779,690	3,082,300	620,581	4,080,900	816,902	10,363,200	2,217,173
NES:								
CHINOOK OR KING .	2,422,100	749,638	1,858,900	548,384	434,700	116,065	4,715,700	1,414,087
CHUM OR KETA. . .	100	16	100	19	100	15	300	50
PINK.	600	70	-	-	-	-	600	70
SILVER OR COHO. .	2,187,200	616,789	2,575,900	649,119	1,052,800	221,100	5,815,900	1,487,008
TOTAL.	4,610,000	1,366,513	4,434,900	1,197,522	1,487,600	337,180	10,532,500	2,901,215
UNDS NETS: 2/								
CHINOOK OR KING .	66,500	11,510	-	-	-	-	66,500	11,510
CHUM OR KETA. . .	13,500	2,423	-	-	-	-	13,500	2,423
RED OR SOCKEYE. .	6,300	1,886	-	-	-	-	6,300	1,886
SILVER OR COHO. .	110,800	24,698	-	-	-	-	110,800	24,698
TOTAL.	197,100	40,517	-	-	-	-	197,100	40,517
EF NETS:								
CHINOOK OR KING .	31,200	5,395	-	-	-	-	31,200	5,395
CHUM OR KETA. . .	112,000	20,050	-	-	-	-	112,000	20,050
PINK.	200	22	-	-	-	-	200	22
RED OR SOCKEYE. .	447,000	134,556	-	-	-	-	447,000	134,556
SILVER OR COHO. .	283,000	63,102	-	-	-	-	283,000	63,102
TOTAL.	873,400	223,125	-	-	-	-	873,400	223,125
P NETS:								
CHINOOK OR KING .	-	-	-	-	1,140,100	238,287	1,140,100	238,287
RED OR SOCKEYE. .	-	-	-	-	24,900	5,778	24,900	5,778
TOTAL.	-	-	-	-	1,165,000	244,065	1,165,000	244,065
GRAND TOTAL. .	24,545,900	5,948,697	7,517,200	1,818,103	6,733,500	1,398,147	38,796,600	9,164,947

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UL SEINES:						
HINOOK OR KING	2,043,700	$427,132	-	-	2,043,700	$427,132
HUM OR KETA.	108,200	12,986	-	-	108,200	12,986
ED OR SOCKEYE.	1,500	341	-	-	1,500	341
ILVER OR COHO.	180,400	36,082	-	-	180,400	36,082
TOTAL.	2,333,800	476,541	-	-	2,333,800	476,541
L NETS:						
HINOOK OR KING	8,047,700	1,681,981	351,600	$81,930	8,399,300	1,763,911
CHUM OR KETA.	526,300	63,159	923,300	123,728	1,449,600	186,887
RED OR SOCKEYE.	36,400	8,441	-	-	36,400	8,441
SILVER OR COHO.	530,200	106,028	989,300	226,559	1,519,500	332,587
TOTAL.	9,140,600	1,859,609	2,264,200	432,217	11,404,800	2,291,826
INES:						
CHINOOK OR KING	539,600	144,085	984,600	268,795	1,524,200	412,880
SILVER OR COHO.	407,900	85,657	932,600	185,586	1,340,500	271,243
TOTAL.	947,500	229,742	1,917,200	454,381	2,864,700	684,123
OUND NETS:						
CHINOOK OR KING	492,000	102,837	-	-	492,000	102,837
CHUM OR KETA.	29,600	3,556	-	-	29,600	3,556
RED OR SOCKEYE.	600	138	-	-	600	138
SILVER OR COHO.	210,400	42,087	-	-	210,400	42,087
TOTAL.	732,600	148,618	-	-	732,600	148,618

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(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICTS AND GEAR, 1948 - Continued

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
DIP NETS:						
CHINOOK OR KING	1,451,200	$303,311	-	-	1,451,200	$303,31
RED OR SOCKEYE.	26,700	6,197	-	-	26,700	6,19
SILVER OR COHO.	700	136	-	-	700	13
TOTAL.	1,478,600	309,644	-	-	1,478,600	309,64
GRAND TOTAL.	14,633,100	3,024,154	4,181,400	$886,598	18,814,500	3,910,75

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS, CHINOOK OR KING	-	-	3/1,939,800	3/$467,686	-	-
LINES, CHINOOK OR KING	3/4,034,000	3/$1,093,211	3/1,544,500	3/379,193	3/230,300	3/$63,50
GRAND TOTAL.	4,034,000	1,093,211	3,484,300	846,879	230,300	63,50

GEAR AND SPECIES	CALIFORNIA - CONTINUED					
	SAN PEDRO DISTRICT		SAN DIEGO DISTRICT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GILL NETS, CHINOOK OR KING	-	-	-	-	3/1,939,800	3/$467,68
LINES, CHINOOK OR KING	3/20,500	3/$5,767	3/100	3/$41	3/5,829,400	3/1,541,71
GRAND TOTAL.	20,500	5,767	100	41	7,769,200	2,009,40

1/ THE CATCH MADE BY HAUL SEINES IN ALASKA HAS BEEN INCLUDED WITH PURSE SEINES AS DATA ARE NOT AVAILABLE ON THE CATCH OF EACH GEAR SEPARATELY.

2/ THE SALMON CAUGHT BY THIS GEAR IN THE PUGET SOUND DISTRICT WERE TAKEN BY INDIANS ON RESERVATIONS.

3/ THE QUANTITY SHOWN MAY INCLUDE THE CATCH OF A SMALL QUANTITY OF OTHER SPECIES OF SALMON.

SUMMARY OF SALMON CATCH BY DISTRICTS, 1948

SPECIES	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CHINOOK OR KING.	9,601,920	$1,763,589	2,345,820	$234,582	1,611,060	$120,829	13,558,800	$2,119,00
CHUM OR KETA . .	32,035,992	2,600,277	27,562,768	792,430	7,026,944	158,106	66,625,704	3,550,81
PINK	57,409,792	4,598,968	55,773,744	2,509,818	223,964	5,591	113,407,500	7,114,37
RED OR SOCKEYE .	3,147,150	419,620	25,883,460	2,372,650	88,893,666	4,740,996	117,924,276	7,533,26
SILVER OR COHO .	19,312,677	2,378,927	7,014,654	428,673	526,059	18,704	26,853,390	2,826,30
TOTAL. . .	121,507,531	11,761,381	118,580,446	6,338,153	98,281,693	5,044,226	338,369,670	23,143,76

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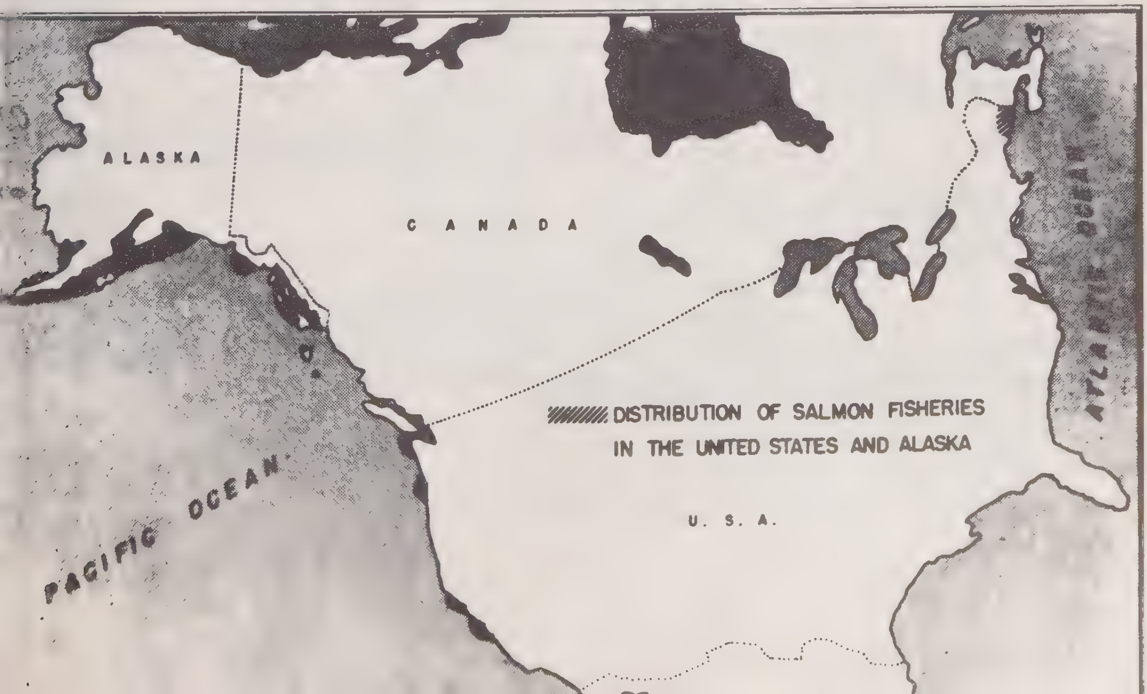
SUMMARY OF SALMON CATCH BY DISTRICTS, 1948 - Continued

SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OOK OR KING.	3,402,400	$978,080	2,399,800	$663,037	5,016,900	$ 1,073,756	10,819,100	$2,714,873
OR KETA . .	9,094,400	1,635,524	1,147,200	152,585	380,600	45,671	10,622,200	1,833,780
. . . . . .	1,600	196	-	-	-	-	1,600	196
OR SOCKEYE .	6,135,400	1,846,748	330,900	120,463	30,500	7,074	6,496,800	1,974,285
ER OR COHO .	5,912,100	1,488,149	3,639,300	882,018	1,305,500	271,646	10,856,900	2,641,813
TOTAL. . .	24,545,900	5,948,697	7,517,200	1,818,103	6,733,500	1,398,147	38,796,600	9,164,947

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OOK OR KING.	12,574,200	$2,659,346	1,336,200	$350,725	13,910,400	$3,010,071
OR KETA	664,100	79,701	923,300	123,728	1,587,400	203,429
OR SOCKEYE	65,200	15,117	-	-	65,200	15,117
ER OR COHO	1,329,600	269,990	1,921,900	412,145	3,251,500	682,135
TOTAL.	14,633,100	3,024,154	4,181,400	886,598	18,814,500	3,910,752

SPECIES	CALIFORNIA					
	NORTHERN DISTRICT		SAN FRANCISCO DISTRICT		MONTEREY DISTRICT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OOK OR KING.	4,034,000	$1,093,211	3,484,300	$846,879	230,300	$63,503
TOTAL.	4,034,000	1,093,211	3,484,300	846,879	230,300	63,503

SPECIES	CALIFORNIA - CONTINUED					
	SAN PEDRO DISTRICT		SAN DIEGO DISTRICT		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OOK OR KING.	20,500	$5,767	100	$41	7,769,200	$2,009,401
TOTAL.	20,500	5,767	100	41	7,769,200	2,009,401



▨ DISTRIBUTION OF SALMON FISHERIES IN THE UNITED STATES AND ALASKA

SUMMARY OF SALMON CATCH BY GEAR, 1948

STATE AND DISTRICT	PURSE SEINES	HAUL SEINES	GILL NETS	LINES
	POUNDS	POUNDS	POUNDS	POUNDS
ALASKA:				
SOUTHEASTERN.	1/34,372,441	(1)	4,602,733	21,764,906
CENTRAL	1/59,695,137	(1)	19,864,382	3,524
WESTERN	1/ 4,626,054	(1)	93,655,639	-
TOTAL	98,693,632	-	118,122,754	21,768,430
WASHINGTON:				
PUGET SOUND	15,590,600	2/74,800	3,200,000	4,610,000
WASHINGTON COAST.	-	-	3,082,300	4,434,900
COLUMBIA RIVER.	-	-	4,080,900	1,487,600
TOTAL	15,590,600	74,800	10,363,200	10,532,500
OREGON:				
COLUMBIA RIVER.	-	2,333,800	9,140,600	947,500
OREGON COAST.	-	-	2,264,200	1,917,200
TOTAL	-	2,333,800	11,404,800	2,864,700
CALIFORNIA:				
NORTHERN DISTRICT	-	-	-	4,034,000
SAN FRANCISCO DISTRICT. .	-	-	1,939,800	1,544,500
MONTEREY DISTRICT	-	-	-	230,300
SAN PEDRO DISTRICT. . . .	-	-	-	20,500
SAN DIEGO DISTRICT. . . .	-	-	-	100
TOTAL	-	-	1,939,800	5,829,400
GRAND TOTAL	114,284,232	2,408,600	141,830,554	40,995,030

STATE AND DISTRICT	POUND NETS	REEF NETS	DIP NETS	TOTAL
	POUNDS	POUNDS	POUNDS	POUNDS
ALASKA:				
SOUTHEASTERN.	60,767,451	-	-	121,507,531
CENTRAL	39,017,403	-	-	118,580,446
WESTERN	-	-	-	98,281,693
TOTAL	99,784,854	-	-	338,369,670
WASHINGTON:				
PUGET SOUND	2/197,100	873,400	-	24,545,900
WASHINGTON COAST.	-	-	-	7,517,200
COLUMBIA RIVER.	-	-	1,165,000	6,733,500
TOTAL	197,100	873,400	1,165,000	38,796,600
OREGON:				
COLUMBIA RIVER.	732,600	-	1,478,600	14,633,100
OREGON COAST.	-	-	-	4,181,400
TOTAL	732,600	-	1,478,600	18,814,500
CALIFORNIA:				
NORTHERN DISTRICT	-	-	-	4,034,000
SAN FRANCISCO DISTRICT. .	-	-	-	3,484,300
MONTEREY DISTRICT	-	-	-	230,300
SAN PEDRO DISTRICT. . . .	-	-	-	20,500
SAN DIEGO DISTRICT. . . .	-	-	-	100
TOTAL	-	-	-	7,769,200
GRAND TOTAL	100,714,554	873,400	2,643,600	403,749,970

1/ THE CATCH BY HAUL SEINES IN ALASKA IS INCLUDED WITH THAT OF PURSE SEINES.
2/ THE CATCH BY THIS GEAR WAS MADE ON INDIAN RESERVATIONS.

PACIFIC COAST TUNA FISHERY

Landings of tuna and tunalike fishes in the Pacific Coast States during 1948 totaled 325,005,600 pounds, valued at $59,724,730. The catch exceeded the previous high established in 1947 by over 57 million pounds.

The banner 1948 catch was attributed to three factors: additional vessels and an increased fishing intensity; a plentiful supply of fish; and an active market for canned tuna. Purse seining operations were carried out in the more southern waters by the use of the two freezerships, Saipan and Tinian. The employment of these freezerships constituted one of the noteworthy developments of the Pacific Coast tuna industry during 1948.

Prices paid for tuna during the 1948 season were the highest ever reached. At the beginning of the year the price for albacore was $550 per ton. It increased to a high of $740 per ton for a short period before ending the season at $500 per ton. During 1948 the price paid for yellowfin was $340 per ton, bluefin brought $330 per ton and skipjack $320 per ton.

Yellowfin was the most important species, accounting for 61 percent of the total landings. Skipjack and albacore represented 19 and 15 percent respectively with the balance consisting of bluefin and bonito.

PACIFIC TUNA CATCH, 1948

STATE AND DISTRICT	PURSE SEINES					
	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FORNIA:						
N PEDRO DISTRICT:						
OFF CALIFORNIA	32,400	$9,118	1,692,200	$284,260	29,400	$3,446
OFF LATIN AMERICA	-	-	4,741,500	796,583	8,550,100	997,761
TOTAL	32,400	9,118	6,433,700	1,080,843	8,579,500	1,001,207
N DIEGO DISTRICT:						
OFF CALIFORNIA	-	-	-		85,100	9,100
OFF LATIN AMERICA	-	-	85,400	13,952	38,000	4,062
TOTAL	-	-	85,400	13,952	123,100	13,162
TOTAL, CALIFORNIA	32,400	9,118	6,519,100	1,094,795	8,702,600	1,014,369
	GILL AND TRAMMEL NETS					
LIFORNIA:						
SAN PEDRO DISTRICT, OFF CALIFORNIA	-	-	-	-	7,300	856
SAN DIEGO DISTRICT, OFF CALIFORNIA	-	-	-	-	3,700	396
TOTAL, CALIFORNIA	-	-	-	-	11,000	1,252

(CONTINUED ON NEXT PAGE)

PACIFIC TUNA CATCH, 1948 - Continued

STATE AND DISTRICT	LINES					
	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WASHINGTON:						
PUGET SOUND	644,200	$202,918	-	-	-	-
COASTAL	3,786,100	1,166,131	-	-	-	-
COLUMBIA RIVER.	487,100	148,570	-	-	-	-
TOTAL	4,917,400	1,517,619	-	-	-	-
OREGON:						
COLUMBIA RIVER	5,479,100	1,671,112	-	-	-	-
COASTAL	2,483,300	737,536	-	-	-	-
TOTAL	7,962,400	2,408,648	-	-	-	-
CALIFORNIA:						
NORTHERN DISTRICT	732,400	204,272	-	-	-	-
SAN FRANCISCO DISTRICT.	668,200	184,157	-	-	-	-
MONTEREY DISTRICT	1,961,800	517,321	-	-	-	-
SAN PEDRO DISTRICT:						
OFF CALIFORNIA.	2,468,300	694,528	100	$17	32,100	$3,762
OFF LATIN AMERICA	5,653,500	1,605,580	-	-	58,000	6,768
TOTAL	8,121,800	2,300,108	100	17	90,100	10,530
SAN DIEGO DISTRICT:						
OFF CALIFORNIA.	4,691,400	1,406,719	1,500	243	57,400	6,138
OFF LATIN AMERICA	20,273,000	6,078,862	8,100	1,323	274,000	29,289
TOTAL	24,964,400	7,485,581	9,600	1,566	331,400	35,427
TOTAL, CALIFORNIA	36,448,600	10,691,439	9,700	1,583	421,500	45,957
GRAND TOTAL	49,360,800	14,626,824	6,528,800	1,096,378	9,135,100	1,061,578

STATE AND DISTRICT	PURSE SEINES - CONTINUED					
	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OREGON, COLUMBIA RIVER 1/	1,672,900	$187,866	6,748,900	$807,665	8,421,800	$995,531
CALIFORNIA:						
SAN PEDRO DISTRICT:						
OFF CALIFORNIA.	59,400	9,405	-	-	1,813,400	306,229
OFF LATIN AMERICA	3,718,500	589,013	31,287,500	5,274,130	48,297,600	7,657,487
TOTAL	3,777,900	598,418	31,287,500	5,274,130	50,111,000	7,963,716
SAN DIEGO DISTRICT:						
OFF CALIFORNIA.	100	16	-	-	85,200	9,116
OFF LATIN AMERICA	484,600	76,970	1,902,400	322,426	2,510,400	417,410
TOTAL	484,700	76,986	1,902,400	322,426	2,595,600	426,526
TOTAL, CALIFORNIA	4,262,600	675,404	33,189,900	5,596,556	52,706,600	8,390,242
	GILL AND TRAMMEL NETS - CONTINUED					
CALIFORNIA:						
SAN PEDRO DISTRICT;						
OFF CALIFORNIA.	-	-	-	-	7,300	856
SAN DIEGO DISTRICT,						
OFF CALIFORNIA.	-	-	-	-	3,700	396
TOTAL, CALIFORNIA	-	-	-	-	11,000	1,252

SEE FOOTNOTE AT END OF TABLE

(CONTINUED ON NEXT PAGE)

PACIFIC TUNA CATCH, 1948 - Continued

TATE AND DISTRICT	LINES - CONTINUED					
	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
N:						
OUND	-	-	-	-	644,200	$202,918
	-	-	-	-	3,786,100	1,166,131
A RIVER.	-	-	-	-	487,100	148,570
AL	-	-	-	-	4,917,400	1,517,619
A RIVER 1/	109,600	$17,400	954,000	$161,406	6,542,700	1,849,918
	-	-	-	-	2,483,300	737,536
AL	109,600	17,400	954,000	161,406	9,026,000	2,587,454
A:						
N DISTRICT	-	-	-	-	732,400	204,272
NCISCO DISTRICT.	-	-	-	-	668,200	184,157
Y DISTRICT	200	29	-	-	1,962,000	517,350
RO DISTRICT:						
ALIFORNIA.	94,300	14,930	-	-	2,594,800	713,237
ATIN AMERICA	10,106,800	1,600,924	31,342,000	5,283,316	47,160,300	8,496,588
AL	10,201,100	1,615,854	31,342,000	5,283,316	49,755,100	9,209,825
GO DISTRICT:						
ALIFORNIA.	165,200	26,244	400	70	4,915,900	1,439,414
ATIN AMERICA	44,142,600	7,011,215	127,191,500	21,556,925	191,889,200	34,677,614
AL	44,307,800	7,037,459	127,191,900	21,556,995	196,805,100	36,117,028
AL, CALIFORNIA	54,509,100	8,653,342	158,533,900	26,840,311	249,922,800	46,232,632
D TOTAL	60,554,200	9,534,012	199,426,700	33,405,938	325,005,600	59,724,730

TCH OF SKIPJACK AND YELLOWFIN TUNA CREDITED TO THE COLUMBIA RIVER DISTRICT OF OREGON WAS TAKEN OFF
ERICA AND SHIPPED TO ASTORIA, OREGON ON TRANSPORTING VESSELS.

SUMMARY OF PACIFIC TUNA CATCH BY DISTRICTS, 1948

STATE AND DISTRICT	ALBACORE		BLUEFIN		BONITO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
N:						
OUND	644,200	$202,918	-	-	-	-
	3,786,100	1,166,131	-	-	-	-
A RIVER.	487,100	148,570	-	-	-	-
AL	4,917,400	1,517,619	-	-	-	-
A RIVER.	5,479,100	1,671,112	-	-	-	-
	2,483,300	737,536	-	-	-	-
TAL	7,962,400	2,408,648	-	-	-	-
IA:						
RN DISTRICT	732,400	204,272	-	-	-	-
ANCISCO	668,200	184,157	-	-	-	-
EY DISTRICT	1,961,800	517,321	-	-	-	-
DRO DISTRICT:						
CALIFORNIA.	2,500,700	703,646	1,692,300	$284,277	68,800	$8,064
LATIN AMERICA	5,653,500	1,605,580	4,741,500	796,583	8,608,100	1,004,529
TAL	8,154,200	2,309,226	6,433,800	1,080,860	8,676,900	1,012,593
EGO DISTRICT:						
CALIFORNIA.	4,691,400	1,406,719	1,500	243	146,200	15,634
LATIN AMERICA	20,273,000	6,078,862	93,500	15,275	312,000	33,351
TAL	24,964,400	7,485,581	95,000	15,518	458,200	48,985
TAL, CALIFORNIA	36,481,000	10,700,557	6,528,800	1,096,378	9,135,100	1,061,578
AND TOTAL	49,360,800	14,626,824	6,528,800	1,096,378	9,135,100	1,061,578

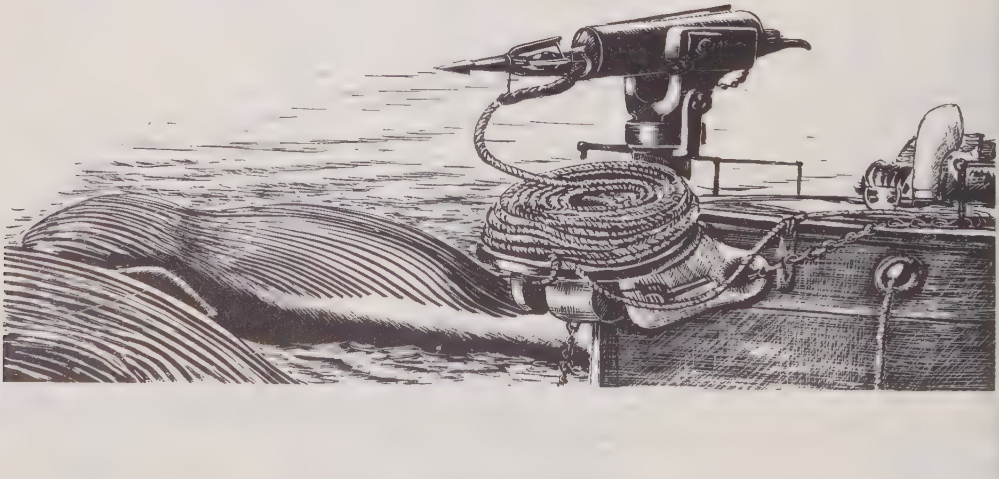
(CONTINUED ON NEXT PAGE)

SUMMARY OF PACIFIC TUNA CATCH BY DISTRICTS, 1948 - Continued

STATE AND DISTRICT	SKIPJACK		YELLOWFIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VAL
WASHINGTON:						
PUGET SOUND	-	-	-	-	644,200	$20
COASTAL	-	-	-	-	3,786,100	1,16
COLUMBIA RIVER	-	-	-	-	487,100	14
TOTAL	-	-	-	-	4,917,400	1,51
OREGON:						
COLUMBIA RIVER 1/	1,782,500	$205,266	7,702,900	$969,071	14,964,500	2,84
COASTAL	-	-	-	-	2,483,300	73
TOTAL	1,782,500	205,266	7,702,900	969,071	17,447,800	3,58
CALIFORNIA:						
NORTHERN DISTRICT	-	-	-	-	732,400	20
SAN FRANCISCO DISTRICT	-	-	-	-	668,200	18
MONTEREY DISTRICT	200	29	-	-	1,962,000	51
SAN PEDRO DISTRICT:						
OFF CALIFORNIA	153,700	24,335	-	-	4,415,500	1,02
OFF LATIN AMERICA	13,825,300	2,189,937	62,629,500	10,557,446	95,457,900	16,15
TOTAL	13,979,000	2,214,272	62,629,500	10,557,446	99,873,400	17,17
SAN DIEGO DISTRICT:						
OFF CALIFORNIA	165,300	26,260	400	70	5,004,800	1,44
OFF LATIN AMERICA	44,627,200	7,088,185	129,093,900	21,879,351	194,399,600	35,09
TOTAL	44,792,500	7,114,445	129,094,300	21,879,421	199,404,400	36,54
TOTAL, CALIFORNIA	58,771,700	9,328,746	191,723,800	32,436,867	302,640,400	54,62
GRAND TOTAL	60,554,200	9,534,012	199,426,700	33,405,938	325,005,600	59,72

1/ THE CATCH OF SKIPJACK AND YELLOWFIN TUNA CREDITED TO THE COLUMBIA RIVER DISTRICT OF OREGON WAS TAKEN O LATIN AMERICA AND SHIPPED TO ASTORIA, OREGON ON TRANSPORTING VESSELS.

WHALE HARPOON GUN



WHALING

one United States' firm, 'Maritime Industries, Inc.,' which operated a shore at Fields Landing, California, engaged in the whale fishery during 1948. A f 67 whales was taken during the year, 29 more than were taken in the previous

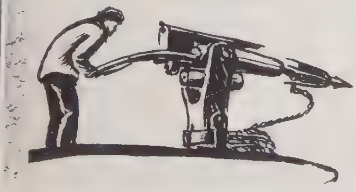
season commenced on May 1, and closed on October 31, 1948. The catch yielded lowing number of whales:

Month	Finback	Humpback	Sperm	Total
May	7	3	5	15
June	7	2	5	14
July	1	3	4	8
August	1	7	7	15
September	2	-	5	7
October	1	1	6	8
Total	19	16	32	67

This total includes one sperm whale which was lost.

he following byproducts were produced from the 1948 catch:

Item	Unit	Quantity	Value
Sperm oil	gallons	62,332	$66,071
Whale oil	gallons	55,107	61,719
Bone meal	tons	60	3,000
Meat meal	tons	59	4,720
Whale liver	pounds	43,600	12,065
Whale meat	pounds	13,500	570
Whale bone	pounds	2,500	300



SECTION 13.- STATISTICAL SURVEY PROCEDURE

This report is another in a series of annual statistical reports containing dat the quantity and value of the commercial catch of fishery products and the number persons and operating units engaged in the commercial fisheries of the United St and Alaska. The report has been prepared and published by the Branch of Commer Fisheries, Fish and Wildlife Service, Department of the Interior, and is a continua of a series inaugurated by its predecessor organizations in the Departments of Inter Commerce, Commerce and Labor, and the United States Fish Commission.

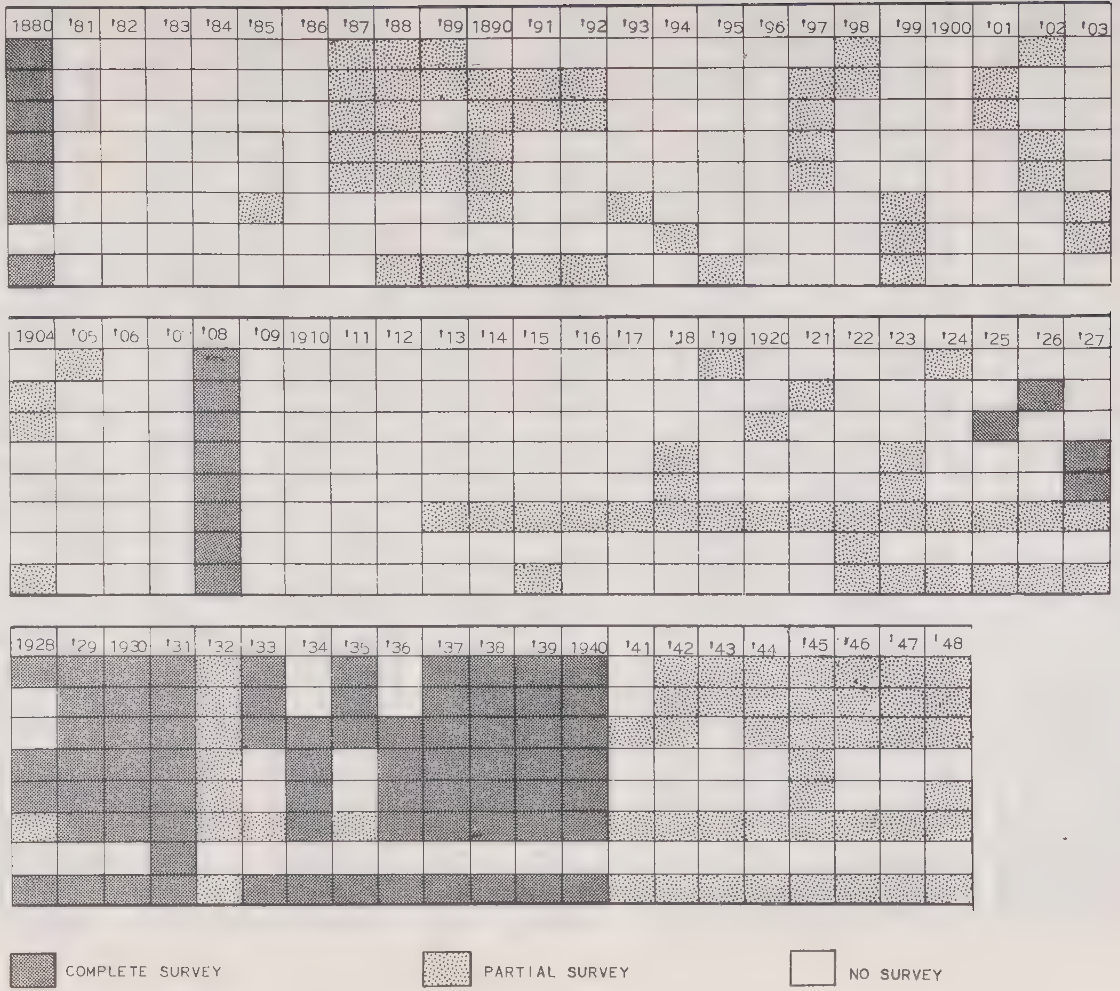
In order that those who use the statistical data contained in this and previous ports may be informed as to the source of the figures and methods for their collect it has been deemed advisable to outline, in moderate detail, the survey procedure lowed. This procedure has been developed over a period of years, and changes in met have been made at times when such changes have appeared to work toward general impr ment. While the surveys in the several sections are not made in the same manner, c to varying facilities and records in different states, an attempt has been made to the data collected by various methods comparable with respect to the same year as as over a period of years. Throughout the entire plan it has been the intentio coordinate State and Federal fishery statistical work so that there will be as li duplication of effort as possible.

SECTIONAL SURVEYS

Statistical surveys of the fisheries and fishery industries of the various sect of the United States occupy by far the greatest part of the time of the statist personnel of the Branch. In the course of these surveys, the field representat visit the individual fishing localities of the various States to collect statistic the volume and value of the catch of fish and shellfish, employment in the fisher quantity of fishing gear, number and classification of fishing and transporting cr and the volume and value of manufactured fishery products and byproducts. The var phases of these surveys are discussed in detail in the sections following.

History.--The first comprehensive statistical survey of the fisheries and fish industries of the United States was made for the year 1880 by George Brown Goo Assistant Director of the United States National Museum, and associates, with the operation of the Commissioner of Fisheries and the Superintendent of the Tenth Cen Data for specific fisheries, or restricted sections for years prior to 1880, also collected in the early survey and recorded in Mr. Goode's reports. The survey for 1 however did not include the Mississippi River and its tributaries. Periodic gene surveys of a limited number of States of limited areas of the United States were m for various of the intervening years between 1880 and 1908 and from 1909 to 1928. survey of the entire United States was made for 1908. The next general survey of entire United States was not made until 1931, although complete data for all sectio excluding the Mississippi River and its Tributaries, were collected for 1929 and 19 Complete data on the catch and operating units for these same sections were also c lected for 1932. In the latter survey, however, lack of sufficient funds prohibi collection of data on the wholesale and manufacturing operations except those data c lected as a part of the canned fishery products and byproducts survey. Various sect were surveyed during the years from 1933 to 1948, inclusive. Data on the wholesale manufacturing industries were collected in all of the surveys from 1933 to 1940, clusive. In the years since 1940, the lack of personnel and funds precluded the c lection of data on wholesale and manufacturing firms except for those data collected a part of the canned fishery products and byproducts surveys.

The chart on the following page indicates the years for which surveys have been m in the various sections. Figures for more recent years are available from the Serv in bulletin form, but data for the earlier years are available only in the Fish C mission and Bureau of Fisheries printed reports. These reports are available reference in the Department of the Interior library and in many public libraries. bibliography of these reports will be found in Section 16 of this Digest.



REGION	1880	'81	'82	'83	'84	'85	'86	'87	'88	'89	1890	'91	'92	'93	'94	'95	'96	'97	'98	'99	1900	'01	'02	'03
NEW ENGLAND STATES	▩							░	░	░									░				░	
MIDDLE ATLANTIC STATES	▩							░	░	░	░	░	░					░	░			░		
CHESAPEAKE BAY STATES	▩							░	░		░	░	░					░				░		
SOUTH ATLANTIC STATES	▩							░	░	░	░							░					░	
GULF STATES	▩							░	░	░	░							░					░	
LAKE STATES	▩					░					░			░						░				░
MISSISSIPPI RIVER STATES															░					░				░
PACIFIC COAST STATES	▩								░	░	░	░	░			░				░				

REGION	1904	'05	'06	'0	'08	'09	1910	'11	'12	'13	'14	'15	'16	'17	'18	'19	1920	'21	'22	'23	'24	'25	'26	'27
NEW ENGLAND STATES		░			▩											░					░			
MIDDLE ATLANTIC STATES	░				▩													░					▩	
CHESAPEAKE BAY STATES	░				▩												░					▩		
SOUTH ATLANTIC STATES					▩										░					░				▩
GULF STATES					▩										░					░				▩
LAKE STATES					▩					░	░	░	░	░	░	░	░	░	░	░	░	░	░	░
MISSISSIPPI RIVER STATES					▩														░					
PACIFIC COAST STATES	░				▩							░							░	░	░	░	░	░

REGION	1928	'29	1930	'31	'32	'33	'34	'35	'36	'37	'38	'39	1940	'41	'42	'43	'44	'45	'46	'47	'48
NEW ENGLAND STATES	▩	▩	▩	▩	░	▩		▩		▩	▩	▩	▩		░	░	░	░	░	░	░
MIDDLE ATLANTIC STATES		▩	▩	▩	░	▩		▩		▩	▩	▩	▩		░	░	░	░	░	░	░
CHESAPEAKE BAY STATES		▩	▩	▩	░	▩	▩	▩	▩	▩	▩	▩	▩	░	░		░	░	░	░	░
SOUTH ATLANTIC STATES	▩	▩	▩	▩	░		▩		▩	▩	▩	▩	▩					░			
GULF STATES	▩	▩	▩	▩	░		▩		▩	▩	▩	▩	▩					░			░
LAKE STATES	░	▩	▩	▩	░	░	▩	░	▩	▩	▩	▩	▩	░	░	░	░	░	░	░	░
MISSISSIPPI RIVER STATES				▩																	
PACIFIC COAST STATES	▩	▩	▩	▩	░	▩	▩	▩	▩	▩	▩	▩	▩	░	░	░	░	░	░	░	░

▩ COMPLETE SURVEY

░ PARTIAL SURVEY

☐ NO SURVEY

Since the surveys of the fisheries have varied in completeness three legends hav been used for the years shown in the chart to indicate whether complete, partial, or n surveys were conducted in the individual regions. The designation 'complete survey has been used to indicate that basic operating unit, and catch data were obtained an that complete information was collected on employment in wholesale and manufacturin establishments and on the production of manufactured fishery products. The legen 'partial survey' usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production o manufactured fishery products. In some instances the designation 'partial survey' i used for regions in which only catch statistics were collected. The legend 'no survey indicates that a general canvass was not conducted to obtain operating unit, catch employment in wholesale and manufacturing plants, and complete manufactured product data. Although the charts indicated that in certain regions no surveys were conducte some information may be available on the landings at certain important ports. Likewis information on the catch of certain species, such as menhaden, may be available as result of information collected with the annual canned fish and byproducts survey. Dat on the annual production of canned fishery products and byproducts have been collecte for all regions since 1921, while information was obtained on the production of package fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications i which the results were published appears in Section 16 of this Digest. In the sam Section, there also appears a list of the statistical bulletins in the Current Fisher Statistics series published during 1948.

Field Personnel.--The statistics contained in this volume have been collected by group of trained marketing specialists which comprises a part of the permanent staff c the Branch of Commercial Fisheries of this Service.

Period Covered.--These specialists are assigned permanent field stations, generall in the principal port within their field, and travel from that station in conductin their various surveys. They collect statistics of fishery operations for the yea preceding that in which they are working; and since their field work occupies th greater part of the year, it is usually at least a year from the end of the calenda year for which they are collecting data until the figures are published. The dat usually are collected and published on a calendar year basis, although for some State they are on a fiscal year basis. Prior to 1930, statistics on the catch of oysters i the Atlantic and Gulf States were collected for the oyster season; that is, fro September to April, inclusive. Beginning with 1930 and continuing to the present time they have been collected on the basis of the calendar year.

Scope.--The scope of the coastal statistical surveys include canvasses of the commercial fisheries of the oceans and bays and of the coastal rivers as far inland a commercial fishing is important. This usually coincides with the range of commercia fishing for anadramous species. Statistics of the fisheries of the Mississippi Rive cover canvasses of the fisheries of the Mississippi River proper as well as all of it tributaries wherein commercial fishing for either fish, crustaceans, or mollusks i prosecuted. Statistics of the fisheries of the Great Lakes cover canvasses of th fisheries prosecuted in the lakes proper, adjacent bays, the International Lakes o northern Minnesota, and rivers which sustain a commercial fishery having outlets int these waters. Statistics on the fisheries of Florida include the commercial fisherie prosecuted in Lake Okeechobee. Surveys for statistics of the wholesale and manufacturin fishery industries cover such plants located in the coastal, river, and lake area adjacent to the waters mentioned above.

ethods of Collection.--Several methods for the collection of fishery statistics are oyed, each of which has been carefully studied to obtain the best results with the lable personnel and funds. In most instances the field personnel obtain lists of names of fishing vessels, names and numbers of motorboats, and names of owners of e craft from local custom officials. Also it usually is possible to obtain the s of licensed commercial fishermen, fishing craft and some statistics on the catch State fishery agencies; from other State, county or city sources; or from private nizations.

ith such preliminary records as are available for their guidance the field special- s visit each fishing community in their field unless these preliminary records are complete that personal visits may be eliminated. If complete catch data are not lable from central sources, wholesale dealers and manufacturers of fishery products visited and data are obtained from them on their purchases of fishery products le it is impossible for the few Service representatives available for this work to erview each fishermen in a given locality, the more important ones are visited, and ufficient number of those of lesser importance are interviewed to obtain reliable ormation on their production, the number of fishing craft employed, the quantity of r operated, and the number of persons employed as fishermen.

The State fishery agencies in Maine, New York, Maryland, and in the Great Lakes and ific Coast States have developed relatively complete statistical systems which atly facilitate the Service's surveys in these States.

As regards the fisheries of the Great Lakes and International lakes of Northern nesota, the Service obtains most of the catch statistics and usually the value of catch direct from the records of the State fishery agencies. To obtain data on the ber of fishermen, boats, vessels, and gear, the Service conducts such personal veys among the fishermen as may be necessary to supplement the State records.

ervice statistical personnel are stationed at Seattle, Washington, and San Pedro, fornia, who survey the fisheries of the Pacific Coast States. As a rule they obtain res on the volume of the catch from the records of the State fishery departments. value of the catch is derived from dealers' records. In Washington and Oregon the a for operating units in the offshore fisheries are obtained from the records of ous fishery organizations as well as from records of the State department of eries. Statistics of the wholesale fishery industry for this section are obtained ely by personal interviews.

In the administration of the Alaska fisheries the Service obtains sworn statements erning the activities of those prosecuting the fisheries in this area. These state- s are compiled by the Alaska Branch of this Service and the summary data, by dis- ts, are reproduced in this report.

Statistics on the volume of the catch of fish of the Great Lakes States usually are n in weights as landed, which may be in the round or dressed condition. Statistics the volume of the catch of fish taken in the remainder of the United States are shown round weight.

The figures in the tables for shellfish represent the weight of the meats in the cases univalve and bivalve mollusks and gastrapods, and the round weight of crustaceans d such mollusks as squid and octopus.

Shore and vessel fisheries.--In general, statistics of the shore fisheries, as col- cted by the Service's representatives, include data on the number of casual and gular fishermen; number of motor and other fishing boats and accessory boats; type d quantity of gear used; and the volume, value, and method of capture of each species ught by boats (for our purpose craft of less than 5 net tons capacity are called oats') for each locality or group of localities. This method is not followed in some ctions where the availability of data collected by the States fishery agencies viates the necessity of detailed locality surveys.

Statistics of the vessel fisheries include data on the number of the crew, rig of vessels, net tonnage, kind and quantity of gear used, accessory boats carried, and volume, value, and method of capture of each species. For our purpose craft of 5 net tons capacity or more are called 'vessels'. As in the shore fisheries, the availability of figures collected by State fishery agencies may eliminate the necessity of our agents collecting these data for individual vessels.

Statistics of the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not enumerated.

All persons engaged in commercial fishing operations are included as fishermen. For our purpose these have been divided into 'regular' and 'casual' fishermen. Regular fishermen are defined as those who receive more than one-half of their annual income from fishing; whereas casual fishermen are those whose principal business is something other than fishing, and who receive less than one-half of their annual compensation from fishing.

The catch of fish and shellfish is credited to the port where it is landed and the craft making the catch is credited to the locality where it landed the greatest portion of its catch during the year, except in the Pacific Coast States where the craft is credited to its home port unless it did not fish from that port during the year. In that case it is credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1942 it was the practice of the Service to credit the entire catch of a vessel to the principal port of landing, regardless of the actual point of landing. This policy was discontinued, however, since it quite often resulted in inconsistencies by presenting catches of certain fish in areas to which they are not common inasmuch as fishing vessels frequently operate in areas far removed from their principal fishing port. An outstanding example of this is the case of the Southern trawl fishery. In this fishery off the New Jersey, Maryland, Virginia, and North Carolina coasts, many fishing vessels from Massachusetts operate for 6 to 10 weeks during the winter season. Prior to the survey for 1942 the catch of these fish, principally common to these waters, was credited to Massachusetts. Under the present system the catch is credited to the southern port at which it was landed and the vessel, crew, and gear are credited to the port at which the major portion of their catch was landed.

Publication of Data.--Statistics of employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to the geographic division and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in the annual reports of the Service entitled 'Fishery Statistics of the United States' and in 'Alaska Fishery and Fur-Seal Industries'.

Since 1928, data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic Coast and Gulf States have usually been included in the annual statistical reports 'Fishery Statistics of the United States' or its predecessor publication 'Fishery Industries of the United States.' However, funds were not available for the publication of county data for 1932 or for any year after 1938, except 1945. County data were collected for the areas in which surveys were conducted during those years, except in Maryland since 1942, and the data are on file in Washington, D. C. office of the Branch.

LOCAL AND SPECIAL SURVEYS

ngs at Certain Massachusetts Ports.--Detailed statistics are collected on the
of aquatic products by individual fishing craft at Boston, Gloucester, New Bed-
ovincetown, and other Cape Cod ports. Service representatives are permanently
d at each of these ports. They obtain daily figures on the quantity of fish
y each fishing craft, the value of such fish landed, the date of departure and
of the craft, the gear used in their capture, and, except for ports located on
, the grounds from which the fish were taken. The Branch of Fishery Biology and
ery Market News Service cooperate in the collection of these data.

stics on the landings at the above ports are released monthly and annually in
form and detailed data are published in the annual statistical digests of the
Products of American Fisheries received duty free at Boston and Gloucester
treaty coasts of Newfoundland, Magdalen Islands, and Labrador, have not been
in the landings at these ports since 1938. Data on the landings at Boston and
er have been collected annually since 1893. Some data are also available for
rts for earlier years. Information on landings at Provincetown and other Cape
s has been collected annually since 1945, and at New Bedford since 1938.

stics on the landings of Fish at Seattle, Washington.--Data on the landings by
ed States halibut fleet at this port are assembled by the Service from informa-
lected by the International Fisheries Commission. Generally the halibut fleet
dered as consisting of those vessels belonging to members of the Fishing Vessel
Association, Inc., which sell their fares through the Seattle Fish Exchange.
et originally fished almost exclusively for halibut. With the shortening of the
season, particularly in Area II, a portion of the fleet has fished for other
during the closed season for halibut, and has continued selling their fish
the Exchange Data on other fishery products received by Seattle Wholesale
including receipts from Alaska and Canada, which appear in this report, are
d by the Service's Seattle representatives. Prior to 1944, receipts from
nd British Columbia were not included in the Seattle receipts published in the
cal Digests. However, since October, 1938, these data were contained in the
and annual reports published by the Seattle Fishery Market News Office.

nd Alewife Fisheries.--Owing to the importance of the Hudson and Potomac Rivers
oduction of shad, surveys for statistics of the catch, value of the catch, and
g units are made annually. On the Potomac River similar statistics are also
for the alewife fishery. Much of the data required for these surveys are
from the State fishery agencies.

tics of the annual shad and alewife fisheries are not published separately in
form. However, a summary of the data is published in the annual Statistical

tics of the shad fishery of the Hudson River are available for 1896, 1897,
1, 1904, 1910, and annually since 1915, while data for the shad fishery of the
iver are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclu-
d annually since 1944. Statistics of the alewife fishery of the Potomac River
able for 1896, 1909, 1915, 1919, to 1942, inclusive, and annually since 1944.

ic Halibut Fishery.--Statistics of the Pacific halibut fishery are obtained by
ice's personnel in Seattle, aided by Service representatives in Alaska, and the
ional Fisheries Commission. The fleet classification is that of the Interna-
isheries Commission, under which vessels that are listed by the Commission as
heir home port in Alaska are included in the 'Alaska fleet', and all other
of United States registry landing at Seattle or ports in British Columbia or
re included in the 'Washington fleet' The catch is credited to the point where
n the section 'Review of Certain Major Fisheries'. In the other sections of
ort, all halibut is credited to the port where landed, except that all halibut
y United States and Alaskan craft in British Columbia is credited to Alaska.

Monthly and annual statistical bulletins are available on this fishery, being pub
along with the statistics of the landings of fishery products at Seattle, Wash
and detailed statistics are published in the annual statistical reports of the B
Statistics of the landings of halibut at Pacific Coast ports have been collected
1925.

Canned Fishery Products and Byproducts.--Beginning in 1921, the Service ha
annual surveys for statistics of the canned fishery products and byproducts indu
of every section. These are begun the first week in January of each year for s
tics of the production in the preceding year. The Service obtains by mail, so
possible, the production of canned fishery products or byproducts from each pl
the United States engaged in this business. Where it is impossible to obtain r
by mail, the report is secured by personal visit by the Service's agents. The
obtained for canned fishery products include statistics on the yield and value
production for each commodity by can sizes, case sizes, and trade classifications
value shown for canned products and byproducts constitutes the gross amount recei
the packer at the production point, no deductions being made for commissions
penses. Statistics of the canned fishery products and byproducts produced in
are received on the same statements obtained by the Alaska branch that include s
tics of general fishery operations.

Annual statistical bulletins are issued on this trade, and detailed statist
the output are published in the annual Statistical Digest. In addition to th
obtained on the output of these products annually since 1921, data also usuall
obtained prior to 1921 for the years the various sections were surveyed.

Packaged Fish Trade.--Statistics of the annual production and value of fish pa
in the United States are obtained as a part of the survey for the statistics
canned fishery products and byproducts industries. These data are released in bu
form annually and later in more detailed and adjusted form in the annual Stati
Digest. Statistics of the production of packaged fish are available for 1926 and
ally since 1928, except that no data was collected for the years 1941 to 1946,
sive, in California.

Cold-Storage Holdings of Fish.--Information on the monthly freezings and holdi
fishery products is obtained from cold storage warehouses by mail and by Service e
ees in various cities of the country. Data are also obtained on the holdings of c
cured fish. Bulletins showing these statistics are issued monthly and annually.

Detailed cold-storage statistics also are published in the annual Statistical D
issued by the Service. Information regarding cold-storage holdings of fishery pr
have been published since 1917 and data on quantities of fish frozen, for the
from 1920 to 1925, inclusive and annually since 1928.

Sponge Market, Tarpon Springs.--The major proportion of the output of spon
Florida is sold on the Sponge Exchange at Tarpon Springs. The Service has obt
from a representative of the Exchange, annual statistics of the quantity and va
the sponges sold by variety. Data on the quantity of sponges marketed by the Ex
is published in the Branch's annual Statistical Digest. Information regardi
transactions on the sponge exchange also are available in bulletin form for 1913,
for the years since 1917.

Foreign Fishery Trade.--Statistics of the foreign fishery trade are obtaine
compilations made by the Bureau of the Census, Department of Commerce. Statist
all known fishery products imported or exported have been assembled and pub
annually since 1926 in the Branch's Statistical Digest. For earlier years, th
available in the reports of the Bureau of the Census, Bureau of Foreign and Do
Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the
ury Department.

STATISTICAL SURVEY PROCEDURE

PRACTICES AND TERMS

n practices and terms of importance used in the compilation of fishery statis- explained below.

Absent.--In computing 'days absent' for vessels landing fares at the various e day of arrival, but not the day of departure is included; thus a vessel leav- on the 8th of the month and ~~returning~~ on the 15th of the month will be credited ays absence. Prior to 1944, 'days absent' included both the day of departure day of arrival.

ting Units.--Operating units as referred to in this document include persons in the fisheries, and craft and gear employed in the fisheries.

l.--The term 'vessel' refers to a craft having a capacity of 5 net tons or more.

--The term 'boat' refers to a craft having a capacity of less than 5 net tons.

ental Catch.--The term 'incidental catch' refers to the catch of certain species e of gear which ordinarily does not capture such species.

ntages.--Percentages are usually shown as whole numbers. Fractions of percents pped if less than five-tenths, and the percentage is raised to the next higher if the fraction is greater than five-tenths. If the fraction is exactly five- the integer is raised or lowered to make it an even number.

--The term 'fish' as used in this report includes all species belonging to the ces.

fish, etc.--A shellfish is an aquatic invertebrate animal having a shell, such lusk, or crustacean. However, in order to reduce the classifications appearing atch tables, all items not properly listed as 'Fish' or 'Whale Products' have luded under 'Shellfish, etc.' Accordingly, there is included under this classi- turtles, frogs, sponges, sea weed, worms, etc.

Products.--Since data are not available on the poundage of whales taken, s appearing in catch tables on the yield of these animals represent the weight products produced such as meal, sperm oil, whale oil, etc. The values shown the amount received by the manufacturer for the products.

rting.--Many of the figures shown in the statistical tables published herewith converted to thousands of pounds or dollars. In making these conversions the number from which a group of items is computed is raised or lowered to the thousands place. The individual items are adjusted to conform to the total thus

idential data.--The statistical data collected by the Branch are confidential, ess specific authorization is given, are not divulged in any manner except to es of the Fish and Wildlife Service whose duties require this information. ics on the production of wholesale and manufacturing firms are published only modities or geographical areas where the production of three or more firms may ped, unless special permission is obtained from the firms involved to release a.

CONVERSION FACTORS

It is the policy of the Service to show detailed catch figures of all products i pounds for the sake of uniformity and for purposes of comparison. This presents littl difficulty in the case of fish since in very rare instances are fish reported in unit of measure other than pounds. For shellfish, however, the units of measure may b bushels, sacks, barrels, thousands of shellfish, gallons of meat, etc. These many unit make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various States the problem becomes even more complex.

All bivalve mollusks are reported in pounds of meats in the detailed catch table presented in this report. In addition, there are included supplementary tables fo most of the sections, which give data on the production in bushels. These supplementar tables also give the production of certain other shellfish, such as crabs, in number.

Oysters.--Probably the greatest problem in the presentation of fishery statistics i uniform units of measure is in the case of oysters. Usually the production of oyster on the Atlantic and Gulf coasts is reported to Service personnel in bushels; and prio to the data obtained for the year 1930 conversion from bushels to pounds of meats wa effected on the basis of a uniform yield of 7 pounds of meats to the bushel. However investigations have shown considerable variation from this figure. There follows table which gives the measures used for oysters in the various States and the averag yields per bushel. The statistical tables in this report are based on these averag yields.

MEASURES AND YIELDS OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U. S. STANDARD BUSHEL		MARKET OYSTERS	
				YIELD PER STATE BUSHEL	YIELD PE STANDARD BU
	CUBIC INCHES	CUBIC INCHES	PERCENT	POUNDS OF MEATS	POUNDS O MEATS
MASSACHUSETTS	2,150.4	-	-	6.50	6.50
RHODE ISLAND.	2,150.4	-	-	7.00	7.00
CONNECTICUT	2,150.4	-	-	7.70	7.70
NEW YORK.	2,150.4	-	-	7.50	7.50
NEW JERSEY.	2,257.3	+ 106.9	+ 5.0	7.35	7.00
DELAWARE.	2,257.3	+ 106.9	+ 5.0	6.30	6.00
MARYLAND.	2,800.7	+ 650.3	+ 30.3	5.54	4.25
VIRGINIA.	3,003.9	+ 853.5	+ 39.7	5.80	4.15
NORTH CAROLINA. . . .	2,801.9	+ 651.5	+ 30.3	4.01	3.08
SOUTH CAROLINA. . . .	4,071.5	+ 1,921.1	+ 89.3	4.96	2.62
GEORGIA	5,343.9	+ 3,193.5	+ 148.5	7.68	3.09
FLORIDA	3,214.1	+ 1,063.7	+ 49.4	4.47	2.99
ALABAMA	2,826.2	+ 675.8	+ 31.4	5.81	4.42
MISSISSIPPI	2,826.2	+ 675.8	+ 31.4	3.44	2.62
LOUISIANA	2,148.4	- 2.0	- 0.1	3.84	3.84
TEXAS	2,700.0	+ 549.6	+ 25.6	4.58	3.65

NOTE:--DATA ON YIELDS FOR THE STATES OF NORTH CAROLINA, SOUTH CAROLINA, GEORGIA AND THE EAST COAST OF FLO ARE FOR 1945. ALL OTHER DATA ARE FOR 1948.

Other Mollusks.--The following table shows the conversion factors for various mollusks, other than oysters, used in this report.

AVERAGE YIELDS OF CERTAIN MOLLUSKS

POUNDS OF MEAT PER U. S. STANDARD BUSHEL

STATE	CLAMS, HARD		CLAMS, SOFT	CLAMS, SURF	CLAMS, RAZOR	MUSSELS, SEA	PERIWINKLES AND COCKLES	SCALLOPS		CO
	PUBLIC	PRIVATE						BAY	SEA	
MAINE	11.00	-	15.00	-	-	15.00	18.00	-	6.00	
NEW HAMPSHIRE	-	-	15.00	-	-	-	-	-	-	
MASSACHUSETTS	11.00	11.00	13.00	11.00	32.00	-	18.00	6.00	6.00	
RHODE ISLAND.	1/12.00	-	20.00	-	-	12.00	18.00	6.00	6.00	
CONNECTICUT	-	-	20.00	-	-	10.00	-	6.20	6.00	20
NEW YORK.	12.00	-	16.00	12.00	-	10.00	-	5.00	6.00	15
NEW JERSEY.	9.00	9.00	20.00	12.00	-	-	-	-	6.00	14
DELAWARE.	9.00	9.00	-	-	-	-	-	-	-	14
MARYLAND.	7.00	7.00	-	-	-	-	-	-	-	15
VIRGINIA.	7.00	7.00	-	-	-	-	-	-	-	15
NORTH CAROLINA. . . .	7.65	-	-	-	-	-	-	7.70	-	
SOUTH CAROLINA. . . .	8.00	-	-	-	-	5.00	-	-	-	
FLORIDA	8.05	-	-	-	-	-	-	5.06	-	17

1/ INCLUDES OCEAN QUAHOG

NOTE:--DATA ON YIELDS FOR NORTH CAROLINA AND SOUTH CAROLINA, ARE FOR 1945. ALL OTHER DATA ARE FOR 1948.

Conversion Factors.--The principal other conversion factors that have been
his report are as follows:

ue, soft and peelers:

nvert number of crabs to weight in pounds in Louisiana, divide by 4.08; in
cut, New Jersey, Delaware and Virginia, by 4; in Maryland, by 3.97, and in
rolina, by 2.4.

lue, hard:

w York, New Jersey and Delaware, divide by 3; in Virginia, by 2.93; and in
, by 2.82; in Alabama, by 2.4; in Florida, by 2.32; in Louisiana, by 2.09; in
rolina, South Carolina, Georgia, and Mississippi, by 2; and in Texas, by 1.74.

ock:

aine, New Hampshire, Massachusetts, and Connecticut, divide by 3; in Rhode
by 2.8.

tone:

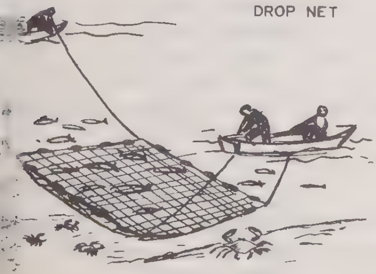
orida, divide by 1.

e crabs:

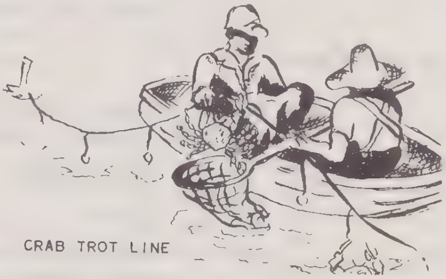
w Jersey, multiply by 3.

dried:

lorida, convert number of bunches to weight in pounds as follows: large wool,
by 12; small wool, by 7; wool rags, by 8; yellow, by 4.25 and grass, by 4.17.



DROP NET



CRAB TROT LINE

CAST NET

SECTION 14. GLOSSARY OF NAMES OF FISHERY PRODU

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given.

Common names as shown in Service reports	Other common names	Scientific names
FISH		
Alewife	Branch herring, big-eyed herring, river herring Blueback, glut herring, shad herring	*Pomolobus pseudoharengus* *Pomolobus aestivalis*
Amberjack	Jack	*Seriola* species
Anchovy		*Engraulis mordax*
Angelfish		*Pomacanthus* species *Holacanthus* species
Anglerfish	Goosefish, allmouth, headfish, monkfish, bellyfish	*Lophius piscatorius*
Barracuda		*Sphyraena* species
Black bass	Smallmouth bass Largemouth bass	*Micropterus dolomieu* *Micropterus salmoides*
Bluefish	Tailor, skipjack	*Pomatomus saltatrix*
Blue pike	Pike perch, hard pike, blue pickerel (Canada)	*Stizostedion vitreum glaucum*
Blue runner or hardtail	Runner	*Caranx crysos*
Bonito	See tuna and tunalike fishes	
Bowfin	Fresh-water dogfish, tchoupique, grindle	*Amia calva*
Buffalofish	Winter carp	*Ictiobus* species
Burbot	Lawyer, ling	*Lota maculosa*
Butterfish		*Poronotus triacanthus*
Cabezone	Marbled sculpin	*Scorpaenichthys marmoratus*
Cabio	Crab eater, coalfish, lemonfish, black bonito	*Rachycentron canadus*
Cabrilla	Rock bass	*Epinephelus analogus*
Carp	German carp, summer carp	*Cyprinus carpio*
Catfish and bullheads		*Ameiurus* species *Ictalurus* species *Pilodictis olivaris*
Chub	Longjaw, bluefin, blackfin (United States), tullibee (Canada)	All *leucichthys* except *artedi* (in Great Lakes)
Cigarfish	Scad	*Decapterus punctatus*
Cisco	Herring (Canada)	*Leucichthys artedi* (Lake Erie
Cod	Codfish	*Gadus morrhua* (Atlantic) *Gadus macrocephalus* (Pacific)
Corbina	California whiting, corvina, surffish	*Menticirrhus undulatus*
Crappie	White crappie, calico bass Black crappie	*Pomoxis annularis* *Pomoxis sparoides*
Crevalle	Jack, jackfish	*Caranx hippos*
Croaker	Crocus, hardhead	*Micropogon undulatus*
Cunner	Chogset, blue perch, bergall	*Tautogolabrus adspersus*
Cusk		*Brosme brosme*
Dolly varden trout	Salmon trout, bull trout	*Salvelinus malma*
Dolphin		*Coryphaena hippurus*
Drum:		
Black	Oyster cracker, oyster drum, sea drum	*Pogonias cromis*
Red	Channel bass, redfish, spotted bass.	*Sciaenops ocellata*
Eel:		
Common		*Anguilla bostoniensis*
Conger		*Leptocephalus conger*
Flounder:		
Gray sole		*Glyptocephalus cynoglossus*
Lemon sole		*Pseudopleuronectes dignabilis*
Yellowtail	Dab	*Limanda ferruginea*
Dab	Sea dab	*Hippoglossoides platessoides*

(Continued on next page)

ames as shown vice reports	Other common names	Scientific names
Continued		
....	Winter flounder	*Pseudopleuronectes americanus*
....	Summer flounder, gulf flounder, flounder	*Paralichthys* species
....	....	Pleuronectidae species and bothidae species
ia halibut'	....	*Paralichthys californicus*
ied	....	Pleuronectidae and bothidae species
....	....	*Cypselurus* species
xerel	Boo hoo	*Auxis thazard*
....	Gar, sea gar	*Lepisosteus* species
d	Nanny shad, mud shad, winter shad ..	*Dorosoma cepedianum*
....	Sand perch, gold perch	*Carassius auratus*
....	See anglerfish	
....	Dogfish .... Spiny dog .... Smooth dog	*Squalus suckleyi* (Pacific) *Squalus acanthias* (Atlantic) *Mustelus canis*
....	'Sea bass'	*Epinephelus* species *Mycteroperca* species
....	Margate fish, sailors' choice	*Haemulon* species
....	....	*Melanogrammus aeglefinus*
....	Squirrel hake, ling, black hake, mud hake	*Urophycis chuss* (Atlantic)
....	Hake	*Urophycis tenuis* (Atlantic)
....	Merluccio	*Merluccius productus* (Pacific)
....	....	*Hippoglossus hippoglossus* (Atlantic) *Hippoglossus stenolepis* (Pacific)
....	Sacramento rockfish	*Orthodon microlepidotus* (Pacific)
n	Starfish, dollarfish, pappyfish, butterfish (N.C.)	*Peprilus alepidotus*
....	Herring	*Leucichthys artedi* (Great Lakes, except Erie)
....	....	*Etrumeus sadina*
....	....	*Clupea harengus* (Atlantic) *Clupea pallasii* (Pacific)
....	Tailor shad, skip, autumnal herring	*Pomolobus mediocris*
....	....	*Trinectes maculatus*
....	Capitaine, perro perro	*Lachnolaimus maximus*
erel	Pacific (see jack mackerel) .... Atlantic (see tuna, bluefin)	
rel	Horse mackerel	*Trachurus symmetricus*
....	....	*Promicrops itaiara*
....	....	*Zenopsis ocellata*
....	Little roncador, croaker, tom cod ..	*Genyonemus lineatus*
erel	Cero, kingfish	*Scomberomorus cavalla* *Scomberomorus regalis*
ing or 'kingfish' ...	Whiting, sea mink, ground mullet ...	*Menticirrhus* species
....	....	*Cristivomer namaycush*
....	....	*Petromyzon marinus* (Atlantic) *Entosphenus tridentatus* (Pacific)
....	Sand eel, lant, sand launce	*Ammodytes tobianus*
....	Cultus cod, blue cod, buffalo cod, ling	*Ophiodon elongatus*
....	....	*Scomber scombrus* (Atlantic) *Pneumatophorus diego* (Pacific)
....	....	*Makaira* species
....	Mossbunker, pogy, fatback	*Brevoortia* species
....	....	Cyprinidae family

(Continued on next page)

Other names as shown in Service reports	Other common names	Scientific names
Mojarra	Sand perch, sand bream	Gerridae family
Mooneye	Toothed herring	*Hiodon* species
Moonfish		*Vomer setipinnis* *Selene vomer*
Mullet	Jumping mullet, striped mullet, silver mullet	*Mugil* species
Mummichog	Mayfish, killifish	*Fundulus* species
Muttonfish	Mutton snapper	*Lutianus analis*
Ocean pout	Eelpout, sea pout	*Macrozoarces anguillaris*
Paddlefish	Spoonbill cat	*Polyodon spathula*
Perch	Surffish	Embiotocidae family (Pacifi
Permit		*Trachinotus goodei*
Pigfish	Hogfish (N. C.)	*Orthopristis chrysopterus*
Pike or pickerel	Great lakes pike	*Esox reticulatus* *Esox lucius*
Pilchard	Sardine	*Sardinops caerulea*
Pinfish	Bream, salt-water bream	*Lagodon rhomboides*
Pollock	Boston bluefish	*Pollachius virens*
Pompano	Great pompano	*Trachinotus* species (Atlant *Palometa simillima* (Pacific
Porgy	See scup or porgy	
Quillback	Spearfish or skimfish	*Carpiodes* species
Ratfish		*Hydrolagus colliei*
Roach	Golden shiner	*Notemigonus crysoleucas*
Rock bass	Redeye, goggle-eye Groupers, sand bass	*Ambloplites rupestris* (fres *Paralabrax nebulifer* (Pacif
Rockfish	Rock cod, snapper	*Sebastodes* species (Pacific
Rosefish	Ocean perch, redfish, red perch	*Sebastes marinus*
Rudderfish	Blue bass, greenfish Halfmoon	*Girella nigricans* *Medialuna californiensis*
Sablefish	Black cod	*Anoplopoma fimbria*
Salmon:		
Atlantic		*Salmo salar* (Atlantic)
Pacific:		
Chinook or king	Tyee, spring	*Oncorhynchus tschawytscha*
Chum or keta	Fall, dog	*Oncorhynchus keta*
Pink	Humpback	*Oncorhynchus gorbuscha*
Red or sockeye	Blueback	*Oncorhynchus nerka*
Silver or coho		*Oncorhynchus kisutch*
Steelhead	See steelhead trout	
Sand perch	Yellowtail perch	*Bairdiella chrysura*
Sauger	Sand pike	*Stizostedion canadense*
Sawfish		*Pristis pectinatus*
Sculpin	Scorpionfish	*Scorpaena guttata*
Scup or porgy	Porgee, paugy, fair maid	*Calamus* or *stenotomus* spec
Sea bass:		
Black	Black jewfish (Pacific) Blackfish (Atlantic)	*Stereolepis gigas* *Centropristes striatus*
White		*Cynoscion nobilis* (Pacific)
Sea catfish	Gafftopsail	*Bagre marina*
Sea robin		*Prionotus* species
Sea trout or weakfish:		
Gray	Gray trout, squeteague	*Cynoscion regalis*
Spotted	Spotted trout, speckled trout	*Cynoscion nebulosus*
White	White trout, sand trout	*Cynoscion arenarius*
Shad	American shad, white shad	*Alosa sapidissima*
Sharks		*Carcharodon* species; *muste* species, *carcharhinus* sp *sphyrna* species, *lamna* s and others

(Continued on next page)

Other names as shown in Service reports	Other common names	Scientific names
shead:		
sh-water	Fresh-water drum, whitefish, gaspergou, gou	*Aplodinotus grunniens*
t-water		*Archosargus* species (Atlantic)
	Redfish, fathead	*Pimelometopon pulchrum* (Pacific)
r perch	See sand perch	
rside	Spearing	*Menidia* species
	Ray, rajafish	*Raja* species
er	Billfish	*Scomberesox saurus*
		Osmerus mordax (Atlantic and Great Lakes)
		Atherinidae and osmeridae species (Pacific)
	Eulachon	*Thaleichthys pacificus*
er:		
e	Schoolmaster	*Lutianus synagris*
grove	Gray snapper	*Lutianus griseus*
		Lutianus blackfordii
	Robalo, sergeantfish, pike	*Centropomus undecimalis*
fish	Porgy (N. C.), angelfish	*Chaetodipterus faber*
n mackerel	Mackerel	*Scomberomorus maculatus*
tail		*Pogonichthys macrolepidotus*
	Lafayette, goody	*Leiostomus xanthurus*
fish	Sacramento pike	*Ptychocheilus grandis*
rel hake	See hake, red	
head trout	Salmon trout	*Salmo gairdnerii*
ed bass	Rockfish, rock	*Roccus saxatilis*
on:		
on		*Acipenser* species
elnose		*Scaphirhynchus platorynchus*
	Fresh-water mullet, redfin, bayfish	Catostomidae species
h	Bream, perch, bluegill	Centrarchidae species
sh	See perch	
ish	Puffer, swell toad, globefish, blowfish	*Sphoeroides maculatus*
ish		*Xiphias gladius*
	Blackfish, oysterfish	*Tautoga onitis*
nder	Big-eyed herring, ladyfish	*Elops saurus*
e-eyed mackerel	Chub mackerel, bullseye, mackerel	*Pneumatophorus colias*
sh		*Lopholatilus chameleonticeps*
d	Frost fish	*Microgadus tomcod* (Atlantic) *Microgadus proximus* (Pacific)
erfish		*Balistes capriscus*
etail	Sunfish (N. C.) blackfish	*Lobotes surinamensis*
bee	See chub	
and tunalike fishes:		
acore	Longfin tuna	*Germo alalunga*
efin		*Thunnus saliens*
	Horse mackerel	*Thunnus thynnus*
		Thunnus secundodorsalis
ito		*Sarda sarda* (Atlantic) *Sarda chiliensis* (Pacific)
ttle	Bonito, albacore, false albacore	*Euthynnus alleteratus*
ipjack	Striped tuna	*Katsuwonus pelamis*
llowfin		*Neothunnus macropterus*
ot	Greenland halibut	*Reinhardius hippoglossoides* (off New England)
	American turbot, triggerfish	*Balistes carolinensis* (off Florida)

(Continued on next page)

Common names as shown in Service reports	Other common names	Scientific names
Wahoo		*Acanthocybium solandri*
White bass	White lake bass	*Roccus chrysops*
Whitebait	Small fry of several species	
Whitefish:		
Common		*Coregonus clupeaformis*
Menominee		*Prosopium quadrilaterale*
Ocean	Blanguillo	*Caulolatilus princeps*
White perch		*Morone americana*
Whiting	Silver hake	*Merluccius bilinearis*
Wolffish	Catfish (New England)	*Anarhichas lupas*
Yellow perch	Ringed perch, perch	*Perca flavescens*
Yellow pike	Wall-eyed pike, pike perch, dore (Canadian)	*Stizostedion vitreum vitreum*
Yellowtail		*Ocyurus chrysurus* (Florida) *Seriola dorsalis* (Pacific)
Yellowtail flounder	See flounder, yellowtail	
CRUSTACEANS		
Crabs:		
Blue:		
Hard	Hard-shell crab	*Callinectes sapidus*
Soft and peelers	Soft-shelled crab	*Callinectes sapidus*
Dungeness		*Cancer magister*
King	Alaska king crab	*Paralithodes camtschatica*
Rock		*Cancer irroratus* (New England) *Cancer* species (California)
Stone		*Menippi mercenaria*
Crawfish:		
Fresh-water	Crayfish	*Cambarus* species (Atlantic) *Astacus* species (Pacific)
Sea	See lobster, spiny	
Horseshoe crab	King crab	*Limulus* species
Lobster:		
Northern		*Homarus americanus* (Atlantic)
Spiny	Sea crawfish, rock lobster	*Panulirus argus* (Atlantic) *Panulirus interruptus* (Pacific)
Shrimp	Prawn	*Penaeus setiferus* *Penaeus duorarum* *Penaeus aztecus* *Xyphopeneus kroyeri* (South Atlantic and Gulf) *Pandalus* species (Atlantic and Pacifi *Pandalopsis* species (Pacific) *Crangon* species (Pacific)
MOLLUSKS		
Abalone		*Halotis* species
Clam:		
Cockle		*Cardium corbis* (Pacific)
Coquina	Pompano shells	*Donax variabilis*
Hard	Butter	*Saxidomus nuttali* (Pacific)
	Little neck	*Paphia staminea* (Pacific)
	Round clam, cherrystone, quahog, little neck	*Venus mercenaria* (Atlantic) *Venus mortoni* (Florida)
Pismo		*Tivela stultorum* (Pacific)
Razor		*Ensis* species (Atlantic) *Siliqua patula* (Pacific)
Soft	Soft-shell clam, sand clam, nannynose, maninose	*Mya arenaria*
Surf	Skimmer	*Mactra solidissimo*

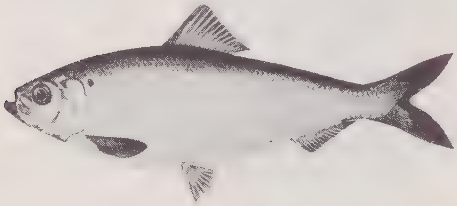
(Continued on next page)

Common names as shown in Service reports	Other common names	Scientific names
		Strombus species *Busycon* species
t		*Achea testitudinalis*
l:		
		Mytilus californianus (Pacific) *Mytilus edulis* (Atlantic)
sh-water		*Quadrula* species *Lampsilis* species *Unio* species *Symphynota* species
us	Devilfish	*Octopus punctatus*
r:		
tern	Cove	*Ostrea virginica*
ific (introduced)	Japanese	*Ostrea gigas*
tern	Olympia, native	*Ostrea lurida*
winkle or cockle		*Littorina* species *Lunatia* species
lop:		
y		*Pecten irradians* (Atlantic) *Pecten aequisulcatus* (Pacific)
a		*Pecten magellanicus*
d	Inkfish, bone squid, tawtaw	*Loligo opalescens* (Pacific *Loligo pealei* (Atlantic)
OTHER		
urchin	Sea eggs	*Strongylocentratus drobachiensis*
ish		Asteroidae class
pin	Diamond-back terrapin	*Malaclemys* species
e:		
en		*Chelonia mydas*
gerhead		*Caretta* species
ksbill		*Eretmochelys inbricata*
pper	Hard-shell, alligator turtle	*Chelydra serpentina* *Macrochalys temmickii*
t-shell		*Trionyx* species
		Rana species
moss		*Chrondrus crispus*
		Macrocystis species, *nereocystis* species, *pelagophycus* species, *alaria* species
weed	Seaweed	*Laminaria* species
nge:		
dove		*Spongia graminea* *Euspongia officianalis*
rass		*Hippospongia equina cerebriformis*
eepswool	Wool	*Hippospongia canaliculata gossypina*
ellow		*Hippospongia equina elastica*
pang	Sea cucumber	*Cucumaris frondosia, Thyone briareus*
dworms		Terebillidae family
dworms		*Nereis* species

SECTION 15. - PICTORIAL SECTION

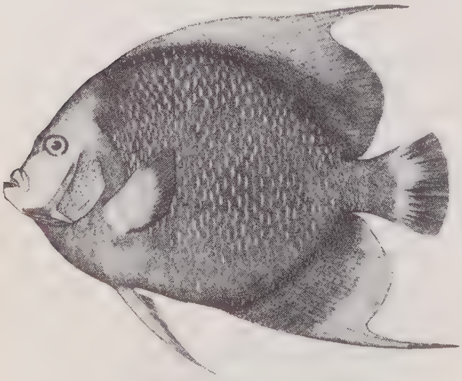
As many of the readers of this publication may not be familiar with all of the specie of fish and shellfish, etc., taken commercially in the United States and Alaska, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which they are take commercially and does not constitute the extreme limits in which they occur. Similarly the gear listed for each species do not represent the only types of apparatus by whic these species are obtained, but represent those types of apparatus which are normall used in their capture. The gear do not necessarily appear in the order of their importance.

For more detailed information on the nomenclature of the fishery products listed below the reader is referred to Section 14 of this publication entitled, 'Glossary of Name of Fishery Products'.

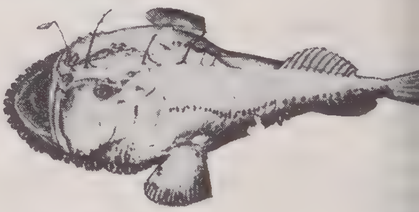


ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES,
FLOATING TRAPS, FYKE NETS

AMBERJACK
RANGE - FLORIDA
GEAR - HAND LINES, TROLL LINES



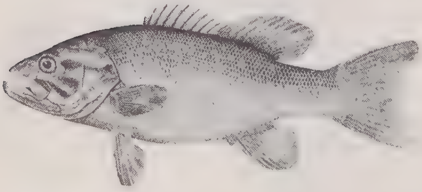
ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



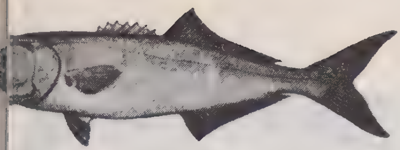
ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETT
GEAR - OTTER TRAWLS, POUND NETS

BARRACUDA, (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, SET LINES,
HAND LINES, TROLL LINES,
GILL AND TRAMMEL NETS.

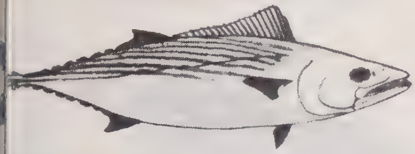
BARRACUDA, (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HAND LINES



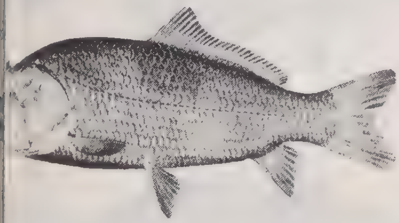
BLACK BASS
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS, POUND
NETS, LINES



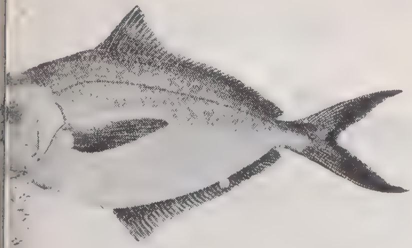
LUEFISH
ANGE - GULF OF MEXICO TO NEW
ENGLAND
EAR - HAUL SEINES, GILL NETS,
POUND NETS, TROLL LINES
PURSE SEINES



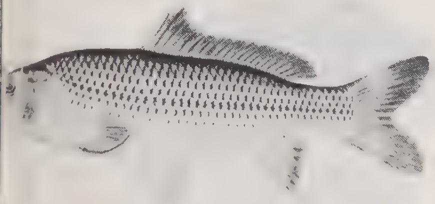
TO, (ATLANTIC)
- NORTH CAROLINA TO MASSACHUSETTS
- POUND NETS, TROLL LINES, GILL NETS



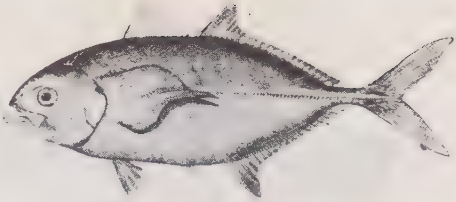
BUFFALOFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS,
TRAMMEL NETS, TROT LINES



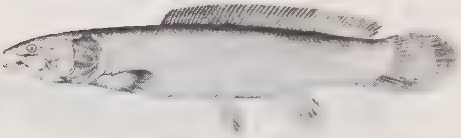
TTERFISH
ANGE - FLORIDA TO NEW ENGLAND
AR - POUND NETS,HAUL SEINES,
OTTER TRAWLS



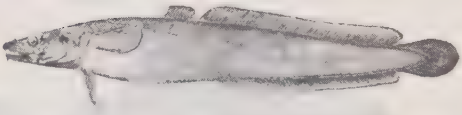
RP
NGE - FRESH-WATER
AR - HAUL SEINES, GILL NETS, TRAP NETS,
FYKE NETS, POUND NETS, TROT LINES



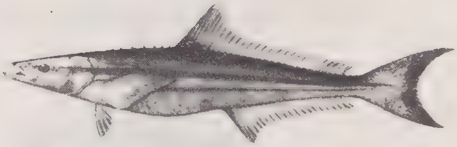
BLUERUNNER OR HARDTAIL
RANGE - GULF OF MEXICO
GEAR - HAUL SEINES, GILL NETS, POTS



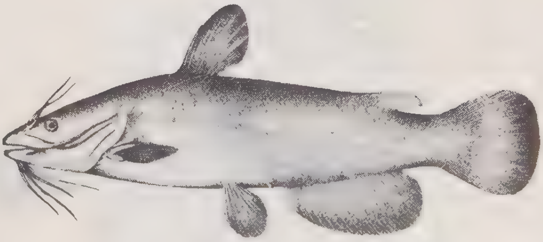
BOWFIN
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TRAP NETS,
FYKE NETS



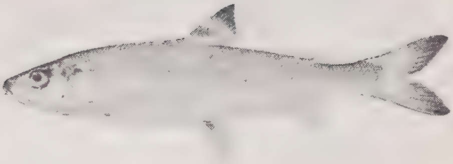
BURBOT
RANGE - GREAT LAKES
GEAR - GILL NETS, FYKE NETS, POUND
NETS (TRAP NETS)



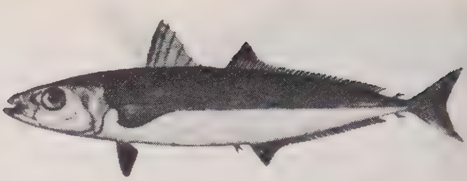
CABIO
RANGE - FLORIDA TO VIRGINIA
GEAR - HAND LINES, POUND NETS



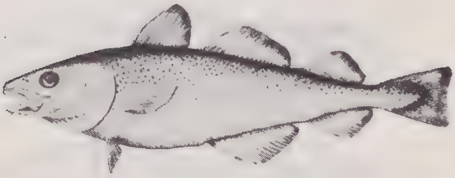
CATFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROT LINES, POUND
NETS, POTS, FYKE NETS



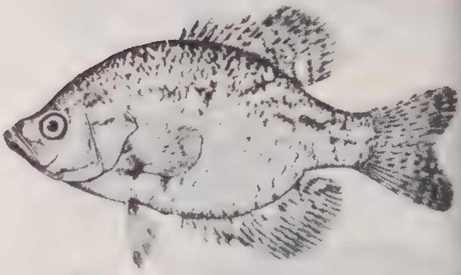
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



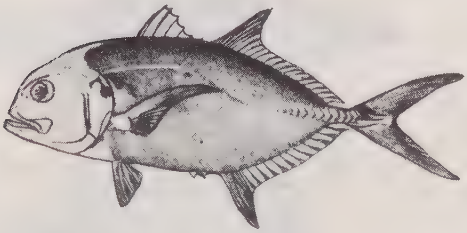
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



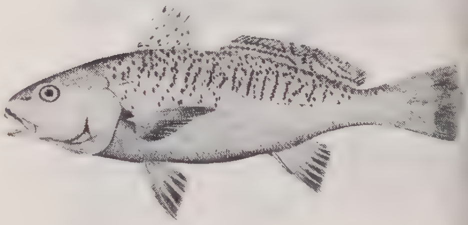
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON
AND ALASKA
GEAR - OTTER TRAWLS, LINE TRAWLS,
GILL NETS



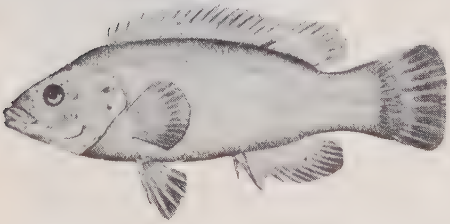
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



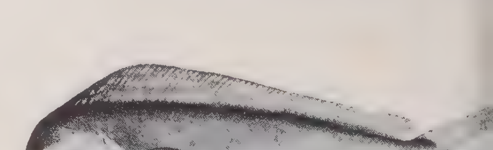
CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES



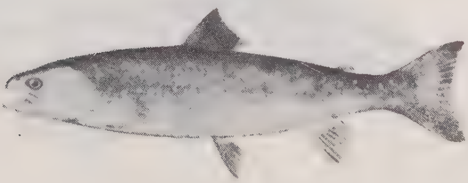
CROAKER, (ATLANTIC)
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS,
HAUL SEINES, GILL NETS



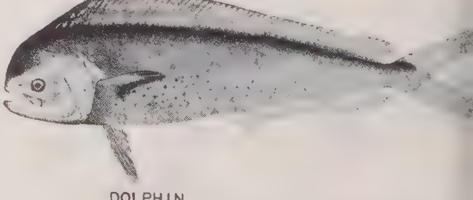
CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HAND LINES



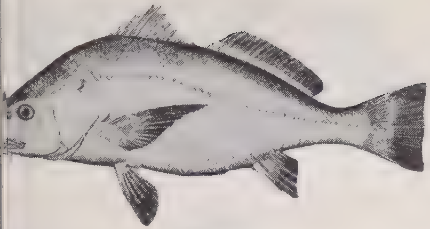
CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, TRAWL LINES



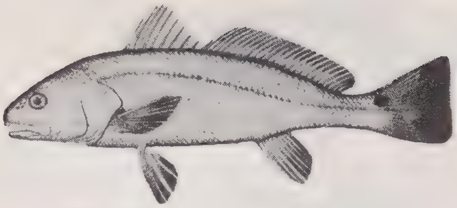
DOLLY VARDEN TROUT
RANGE - PACIFIC COAST
GEAR - POUND NETS, GILL NETS, LINES



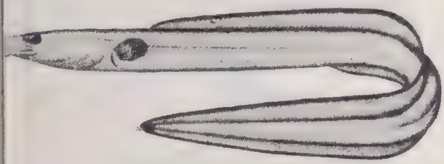
DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES



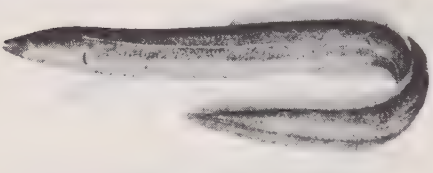
DRUM, BLACK
RANGE - TEXAS TO NORTH CAROLINA
GEAR - HAUL SEINES, POUND NETS, LINES



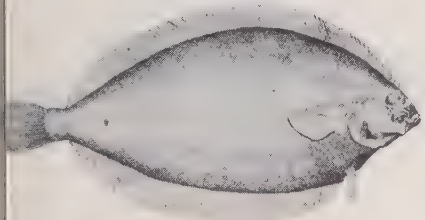
DRUM, RED
RANGE - TEXAS - MARYLAND
GEAR - POUND NETS, HAUL SEINES,
GILL NETS, LINES



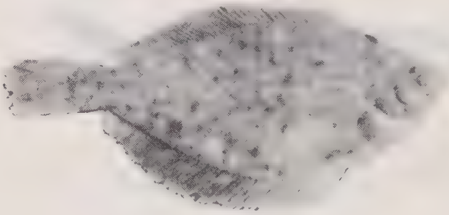
EEL, CONGER
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS



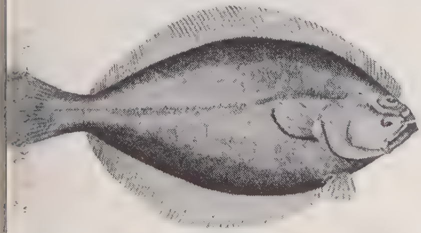
EEL, COMMON
RANGE - FLORIDA TO NEW ENGLAND AND
IN MISSISSIPPI RIVER, LAKE
ONTARIO
GEAR - POTS, SPEARS, POUND NETS



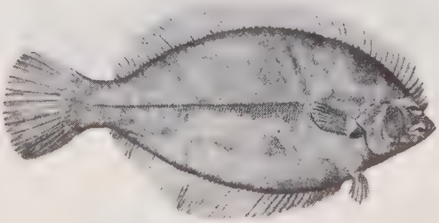
GRAY SOLE
RANGE - MASSACHUSETTS TO MAINE
GEAR - OTTER TRAWLS



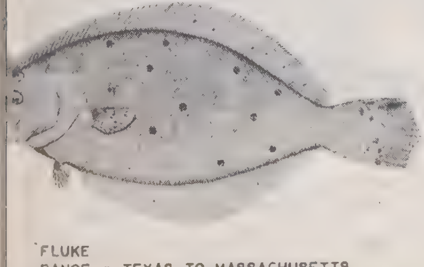
LEMON SOLE
RANGE - NEW YORK TO MAINE
GEAR - OTTER TRAWLS



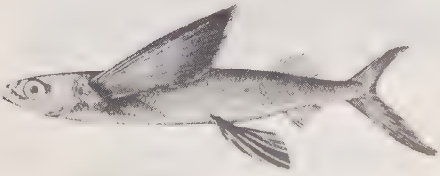
DAB
RANGE - MASSACHUSETTS TO NOVA SCOTIA
GEAR - OTTER TRAWLS, TRAWL LINES



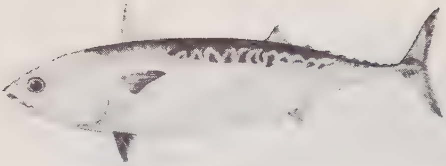
BLACKBACK OR WINTER FLOUNDER
RANGE - NORTH CAROLINA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS,
FYKE NETS, SPEARS, LINES



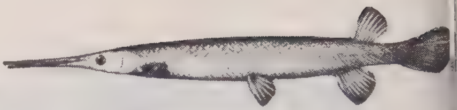
FLUKE
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, SPEARS, LINES



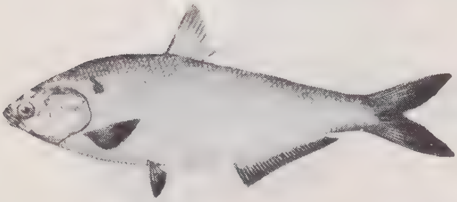
FLYING FISH
RANGE - PACIFIC AND ATLANTIC
OCEANS
GEAR - GILL NETS



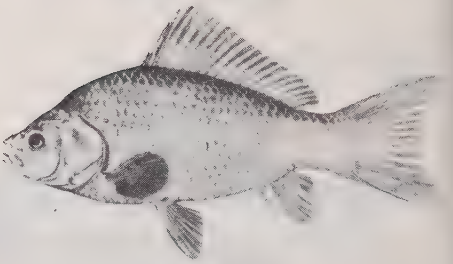
FRIGATE MACKEREL
RANGE - MIDDLE ATLANTIC
GEAR - POUND NETS



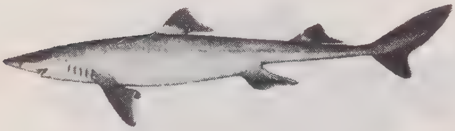
GARFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES



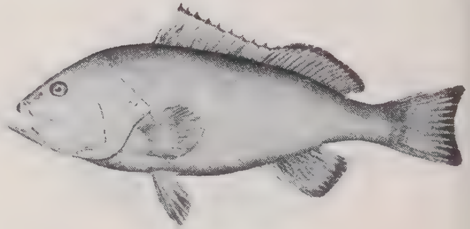
GIZZARD SHAD
RANGE - NORTH CAROLINA TO MARYLAND, GREAT LAKES
GEAR - HAUL SEINES, POUND NETS, GILL NETS



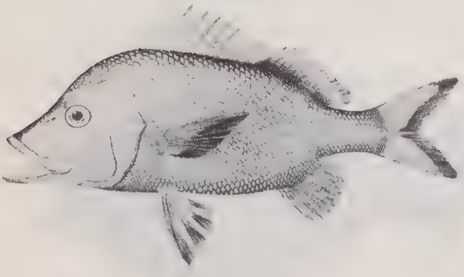
GOLDFISH
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



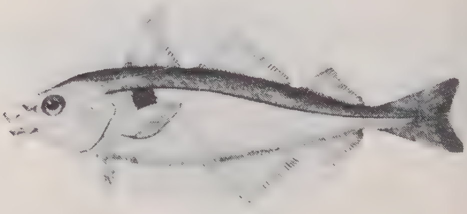
GRAYFISH
RANGE - PACIFIC COAST STATES
GEAR - TRAWL LINES, OTTER TRAWLS, GILL NETS



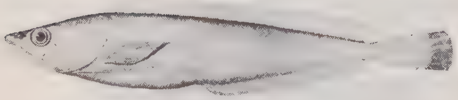
GROUPER
RANGE - TEXAS TO SOUTH CAROLINA
GEAR - HAND LINES, POTS



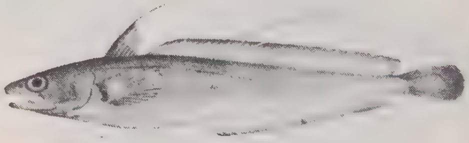
GRUNT
RANGE - FLORIDA
GEAR - POTS, GILL NETS, LINES



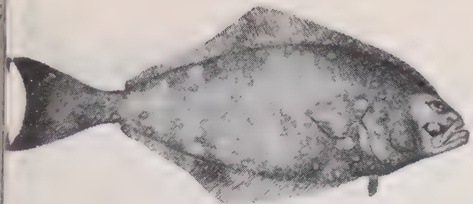
HADDOCK
RANGE - NEW ENGLAND STATES
GEAR - OTTER TRAWLS,GILL NETS LINE TRAWLS



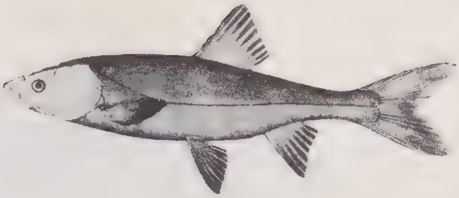
HAKE, RED
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, LINE TRAWLS



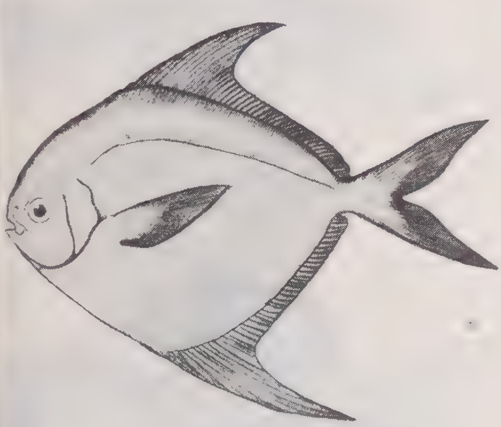
HAKE, WHITE
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS,OTTER TRAWLS, LINE TRAWLS



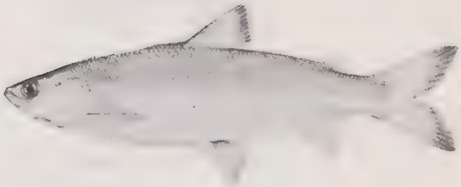
HALIBUT
RANGE - PACIFIC COAST - NEW ENGLAND
GEAR - TRAWL LINES, OTTER TRAWLS



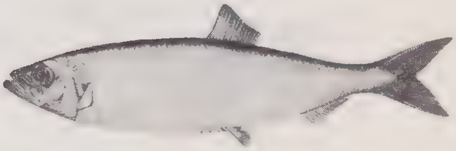
HARDHEAD
RANGE - CALIFORNIA
GEAR - FYKE NETS



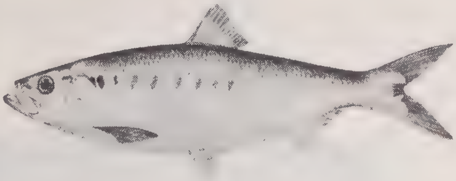
HARVESTFISH OR "STARFISH"
RANGE - NORTH CAROLINA TO
CHESAPEAKE BAY
GEAR - HAUL SEINES, POUND NETS



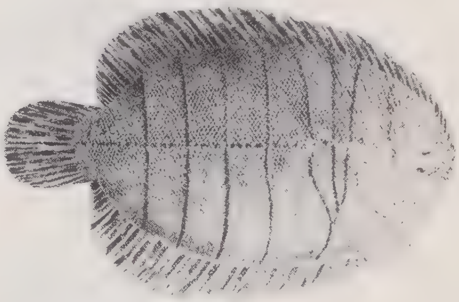
HERRING, LAKE
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES,
POUND NETS, TRAP NETS



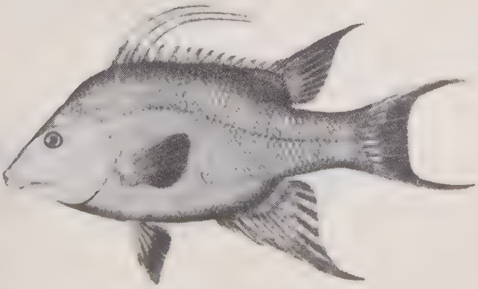
HERRING, SEA
RANGE - NEW JERSEY TO NEW ENGLAND
PACIFIC COAST STATES AND
ALASKA
GEAR - PURSE SEINES, WEIRS,
FLOATING TRAPS, STOP SEINES



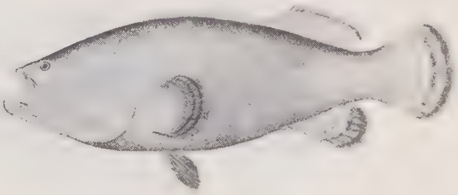
HICKORY SHAD
RANGE - FLORIDA TO RHODE ISLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS
FLOATING TRAPS



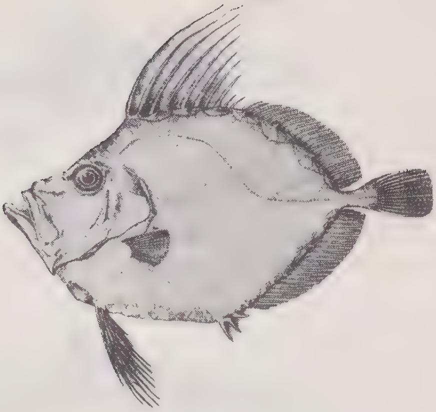
HOGCHOKER
RANGE - CHESAPEAKE BAY
GEAR - POUND NETS, HAUL SEINES



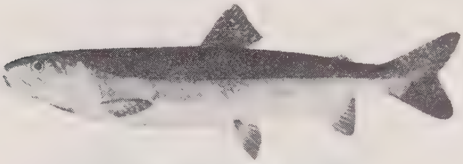
HOGFISH
RANGE - FLORIDA
GEAR - LINES



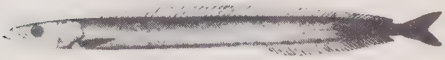
JEWFISH
RANGE - FLORIDA
GEAR - HAND LINES



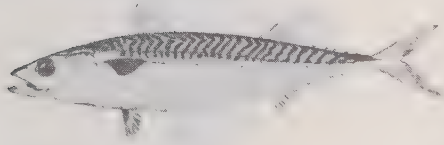
JOHN DORY
RANGE - MIDDLE ATLANTIC STATES
GEAR - OTTER TRAWLS



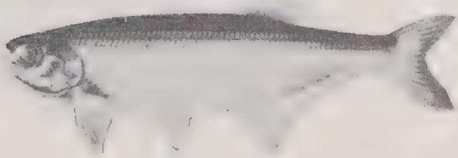
LAKE TROUT
RANGE - GREAT LAKES
GEAR - GILL NETS, LINES, POUND NETS
(TRAP NETS)



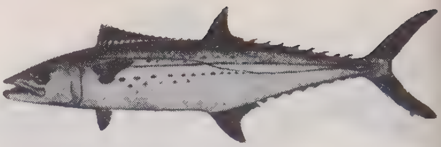
LAUNCE
RANGE - NEW ENGLAND
GEAR - HAUL SEINES



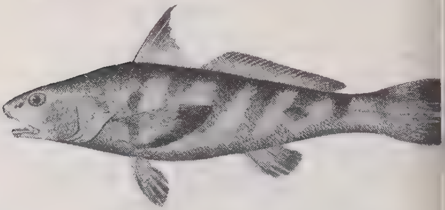
MACKEREL
RANGE - CHESAPEAKE BAY TO GULF OF
ST. LAWRENCE, CALIFORNIA
GEAR - PURSE SEINES, GILL NETS,
POUND NETS, FLOATING TRAPS,
DIP NETS, LAMPARA NETS



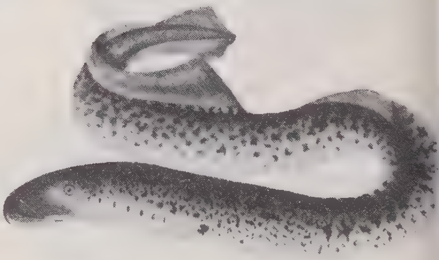
MOONEYE
RANGE -GREAT LAKES
GEAR - HAUL SEINES



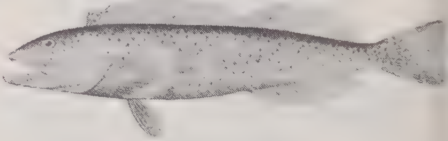
KING MACKEREL
RANGE - TEXAS TO NEW YORK
GEAR - TROLL LINES, GILL NETS,
HAND LINES



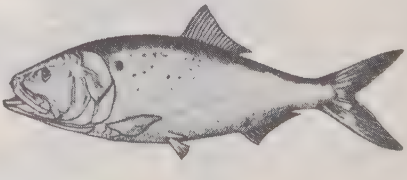
KING WHITING
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, HAUL SEINES,
POUND NETS



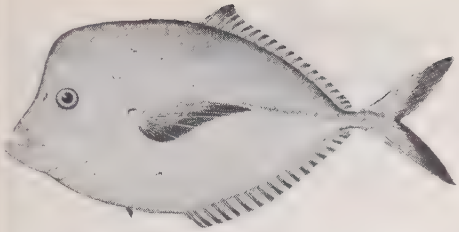
LAMPREY
RANGE - FRESH-WATER
GEAR - POTS, FYKE NETS



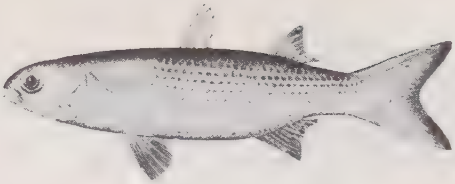
LINGCOD
RANGE - CALIFORNIA TO ALASKA
GEAR - OTTER TRAWLS,TRAWL LINES,
SET LINES,HAND LINES



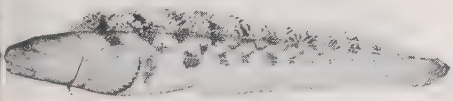
MENHADEN
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - PURSE SEINES, POUND NETS



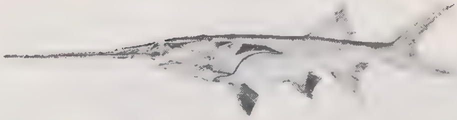
MOONFISH
RANGE - FLORIDA
GEAR - HAND LINES, HAUL SEINES



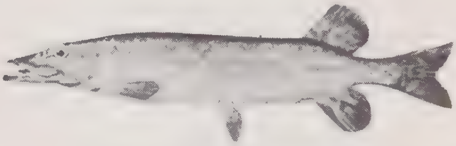
MULLET
RANGE - TEXAS TO NEW JERSEY
GEAR - GILL NETS, HAUL SEINES,
POUND NETS, CAST NETS



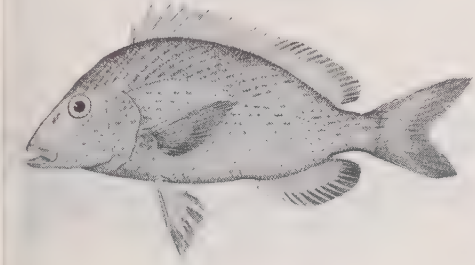
OCEAN POUT
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



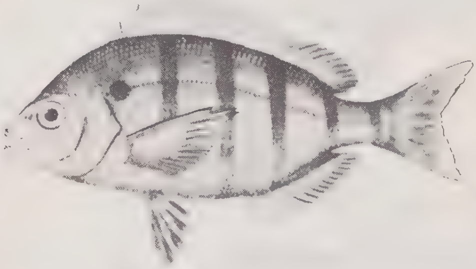
PADDLEFISH
RANGE - GULF OF MEXICO, MISSISSIPPI
RIVER
GEAR - HAUL SEINES, TROT LINES

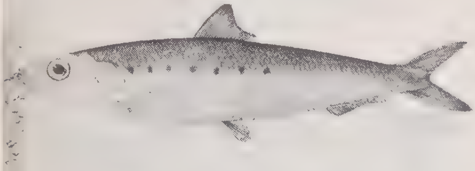


PIKE OR PICKEREL
RANGE - FRESH WATER
GEAR - TRAP NETS, FYKE NETS,
GILL NETS, POUND NETS,
HAND LINES



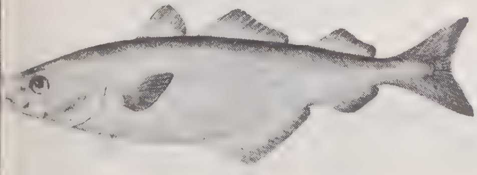
PIGFISH
RANGE - FLORIDA
GEAR - POTS, HAND LINES, GILL NETS

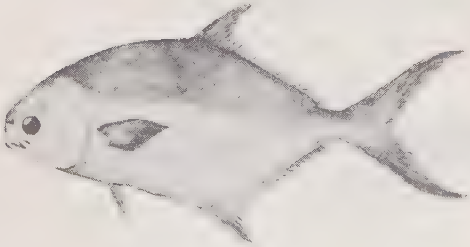




PILCHARD
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES, LAMPARA AND
RING NETS, GILL NETS

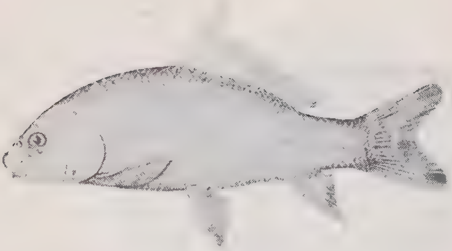
PINFISH
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - HAUL SEINES, GILL NETS



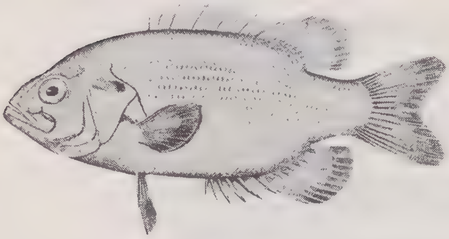


POLLOCK
RANGE - MIDDLE ATLANTIC AND NEW
ENGLAND STATES
GEAR - TRAWL LINES, FLOATING TRAPS,
POUND NETS, OTTER TRAWLS,
GILL NETS

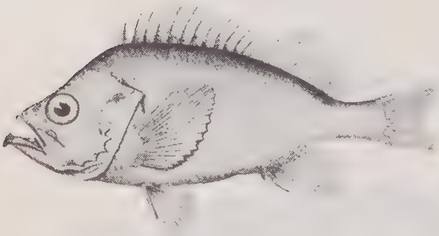
POMPANO
RANGE - TEXAS TO NORTH CAROLINA
GEAR - TRAMMEL NETS, HAUL SEINES,
GILL NETS, HAND LINES



QUILLBACK
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROT LINES, FYKES

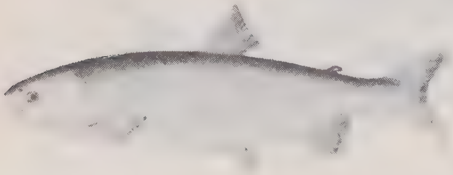


ROCK BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKES,
HAUL SEINES, GILL NETS

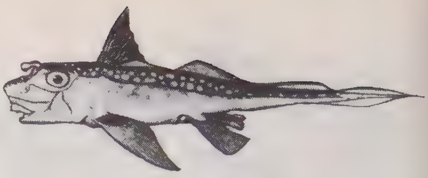


ROSEFISH
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS

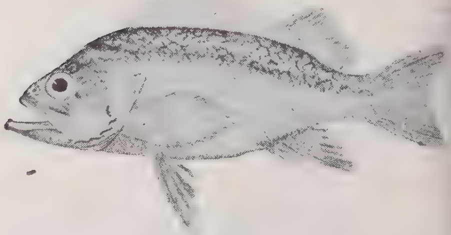
SABLEFISH
RANGE - PACIFIC COAST STATES AND
ALASKA
GEAR - TRAWL LINES, OTTER TRAWLS



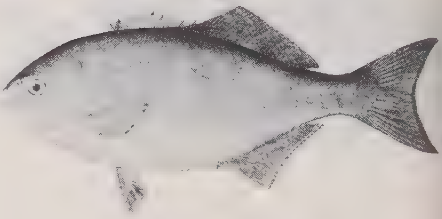
SALMON, CHUM OR KETA
RANGE - OREGON TO ALASKA
GEAR - POUND NETS, PURSE SEINES,
GILL NETS, HAUL SEINES



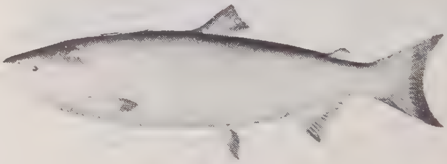
RATFISH
RANGE - WASHINGTON TO ALASKA
GEAR - BEAM TRAWLS, TRAWL LINES



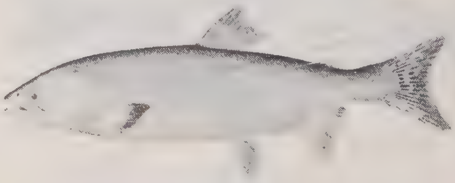
ROCKFISH
RANGE - CALIFORNIA TO ALASKA
GEAR - LINES, OTTER TRAWLS
PARANZELLA NETS, GILL NETS



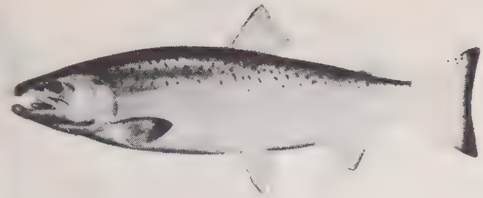
RUDDERFISH
RANGE - CALIFORNIA
GEAR - LAMPARA AND RING NETS



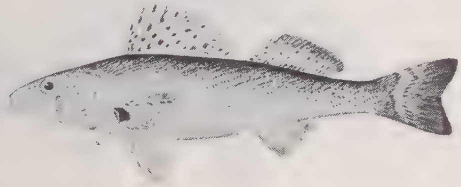
SALMON, RED OR SOCKEYE
RANGE - OREGON TO ALASKA
GEAR - GILL NETS, PURSE SEINES,
POUND NETS



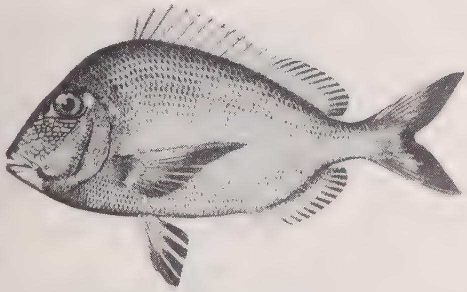
SALMON, PINK
RANGE - WASHINGTON TO ALASKA
GEAR - PURSE SEINES, POUND NETS
GILL NETS



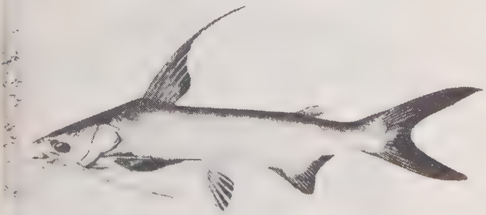
SALMON, SILVER OR COHO
RANGE - CALIFORNIA TO ALASKA
GEAR - HAUL SEINES, PURSE SEINES, GILL NETS, TROLL LINES, POUND NETS.



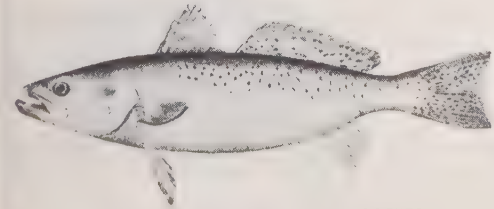
SAUGER
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS, FYKE NETS



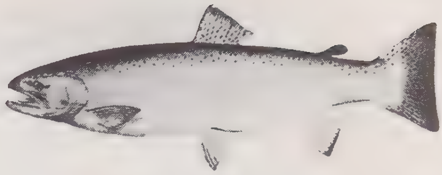
SCUP OR PORGY
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, POUND NETS



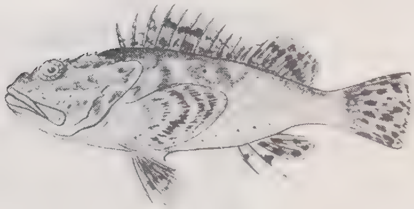
SEA CATFISH
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - OTTER TRAWLS, HAUL SEINES, HAND LINES



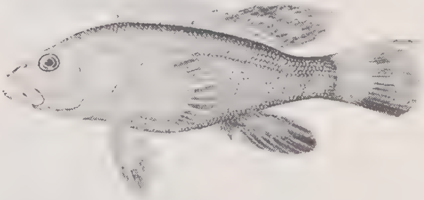
SEA TROUT OR WEAKFISH, SPOTTED
RANGE - MARYLAND TO TEXAS
GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES, POUND NETS, OTTER TRAWLS, HAND LINES



STEELHEAD TROUT
RANGE - OREGON TO ALASKA
GEAR - HAUL SEINES, POUND NETS, GILL NETS, LINES, DIP NETS

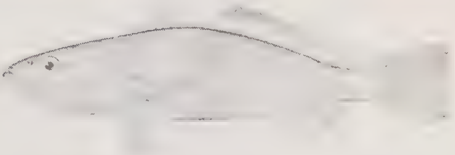


SCULPIN
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LINES, GILL NETS, POTS

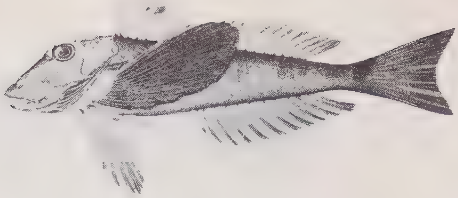


SEA BASS
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, HAND LINES, POTS

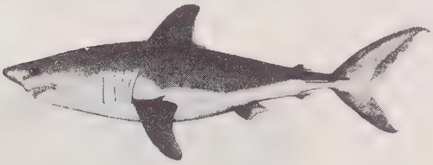
SEA TROUT OR WEAKFISH, GRAY
RANGE - FLORIDA TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES, GILL NETS, HAUL SEINES



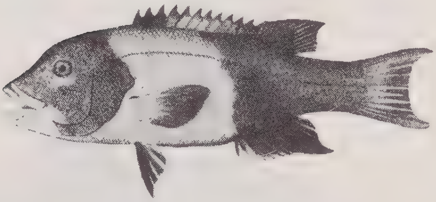
SEA TROUT OR WEAKFISH, WHITE
RANGE - GULF OF MEXICO
GEAR - GILL NETS, HAUL SEINES, HAND LINES



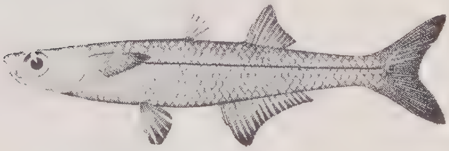
SEA ROBIN
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, OTTER TRAWLS



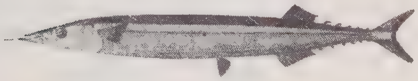
SHARK
RANGE - ATLANTIC COAST, GULF,
PACIFIC COAST STATES
GEAR - TRAWL LINES, GILL NETS,
OTTER TRAWLS



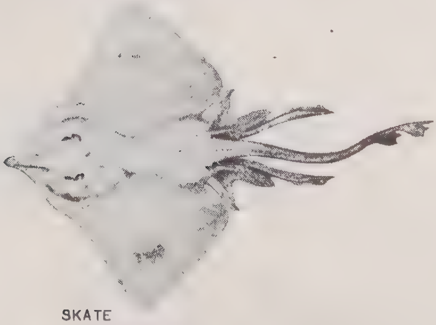
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - SET LINES, TRAMMEL NETS,



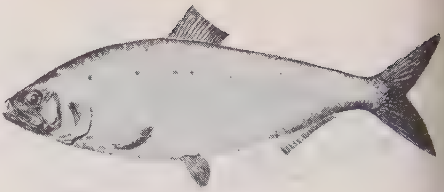
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTHER TRAWLS



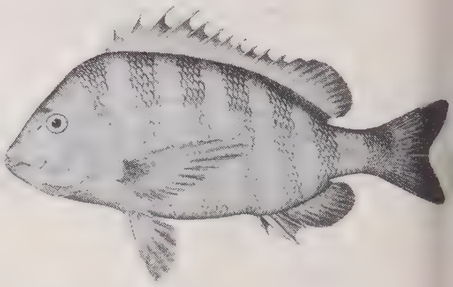
SKIPPER OR BILLFISH
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



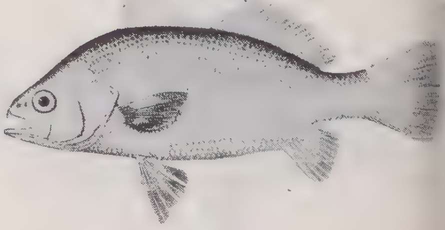
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE
BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND
NETS, HAUL SEINES



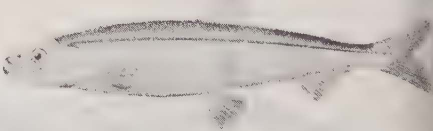
SHAD
RANGE - FLORIDA TO NEW ENGLAND
GEAR - GILL NETS, POUND NETS,
FYKE NETS, HAUL SEINES



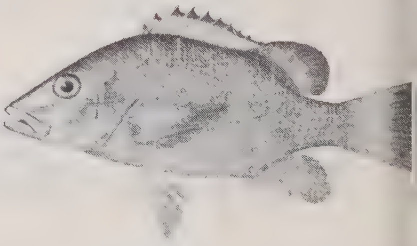
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HAND LINES, POTS



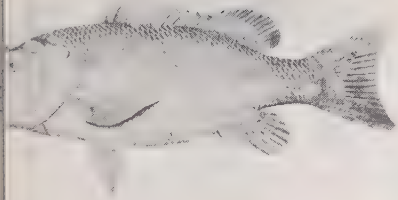
SILVER PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS,
POUND NETS



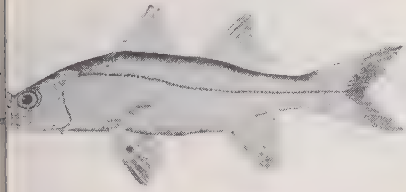
SMELT
RANGE - NEW YORK TO MAINE,
PACIFIC OCEAN, GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS,
HAUL SEINES



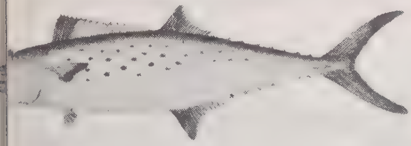
LANE SNAPPER
RANGE - FLORIDA
GEAR - HAND LINES



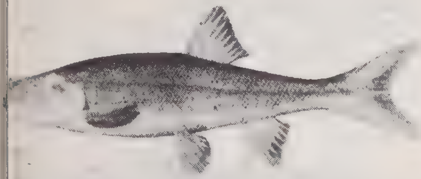
GRAY SNAPPER
RANGE - FLORIDA
GEAR - HAND LINES, GILL NETS



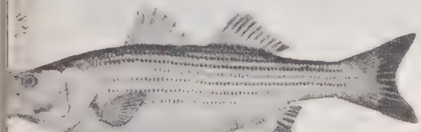
SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HAND LINES,
HAUL SEINES



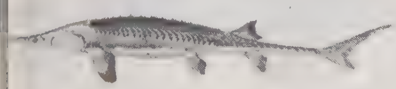
SPANISH MACKEREL
RANGE - TEXAS TO VIRGINIA
GEAR - GILL NETS, LINES, HAUL
SEINES



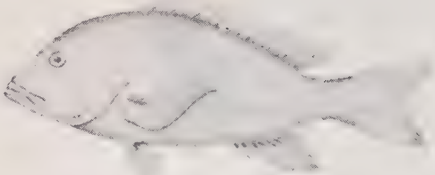
SQUAWFISH
RANGE - CALIFORNIA
GEAR - FYKE NETS,GILL NETS



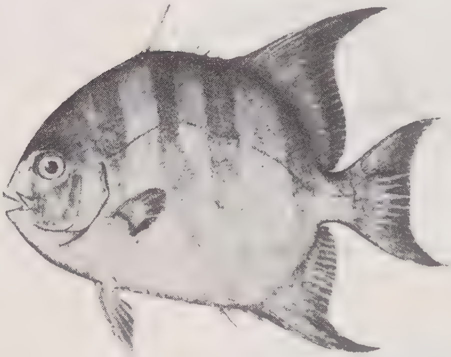
STRIPED BASS
RANGE - NORTH CAROLINA TO NEW
ENGLAND, CALIFORNIA TO
OREGON
GEAR - HAUL SEINES, GILL NETS, POUND
NETS, HAND LINES, FYKE NETS



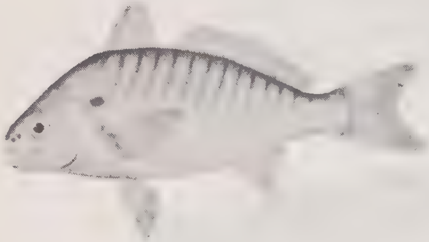
TURGEON, SHOVELNOSE
ANGE - FRESH-WATER
EAR - HAUL SEINES, LINES, POUND NETS



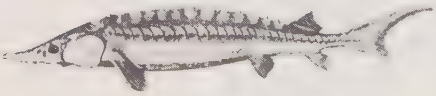
RED SNAPPER
RANGE - TEXAS TO FLORIDA
GEAR - HAND LINES



SPADEFISH
RANGE - FLORIDA
GEAR - GILL NETS, TRAMMEL NETS

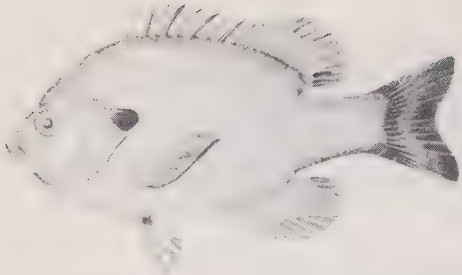


SPOT
RANGE - GULF OF MEXICO TO MIDDLE
ATLANTIC STATES
GEAR - HAUL SEINES, GILL NETS, POUND
NETS, OTTER TRAWLS

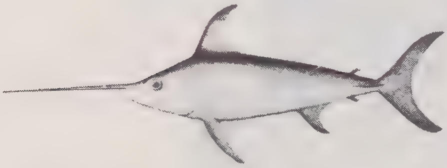


STURGEON
RANGE - COASTAL AND RIVER AREAS
GEAR - GILL NETS, LINES

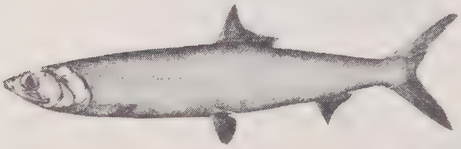
SUCKER
RANGE - FRESH-WATER
GEAR - POUND NETS, FYKE NETS, GILL
NETS, HAUL SEINES, TRAP NETS



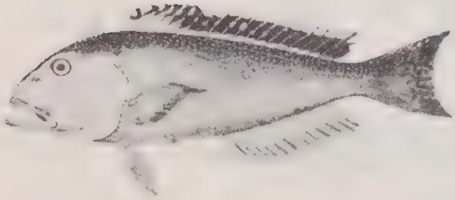
SUNFISH
RANGE - FRESH-WATER
GEAR - POTS, SEINES, TRAP NETS



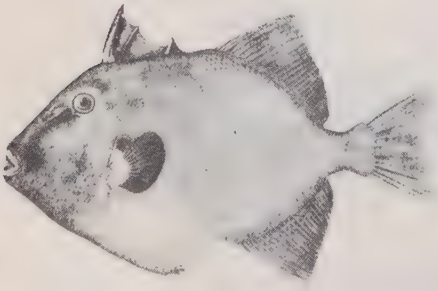
SWORDFISH
RANGE - NEW ENGLAND AND CALIFORNIA
GEAR - HARPOONS



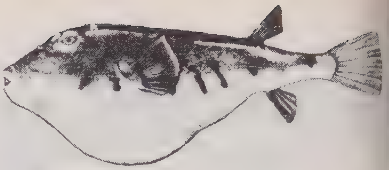
TENPOUNDER
RANGE - FLORIDA
GEAR - HAUL SEINES



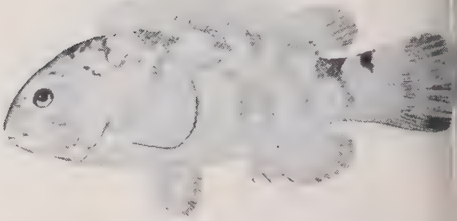
TILEFISH
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - TRAWL LINES



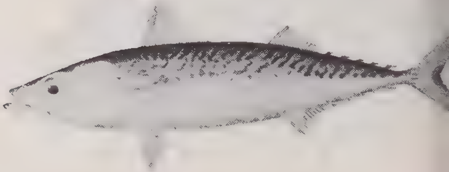
TRIGGERFISH
RANGE - FLORIDA
GEAR - HAND LINES



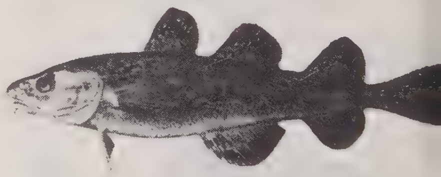
SWELLFISH
RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



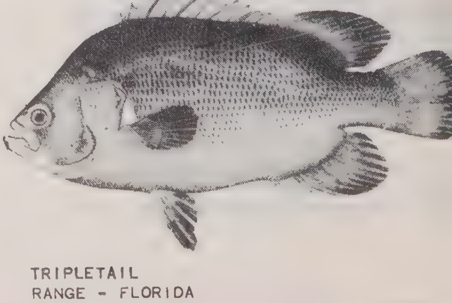
TAUTOG
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, HAND LINES, POTS



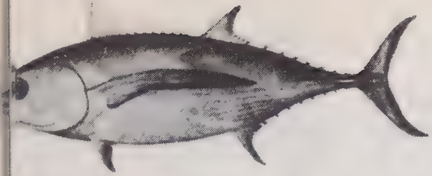
THIMBLE-EYED MACKEREL
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



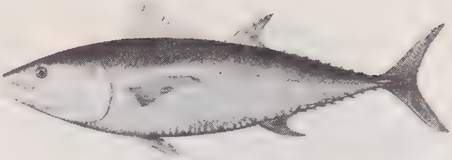
TOMCOD
RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - OTTER TRAWLS, DIP NETS



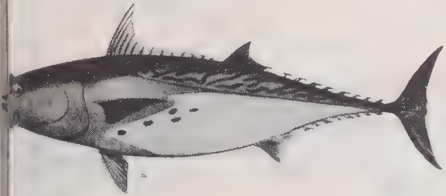
TRIPLETAIL
RANGE - FLORIDA
GEAR - HAUL SEINES, GILL NETS, LINES



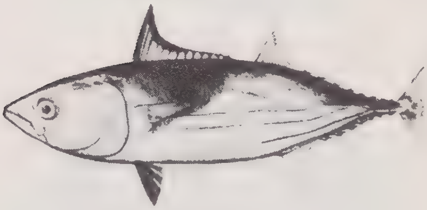
TUNA,ALBACORE
RANGE - PACIFIC COAST
GEAR - LINES



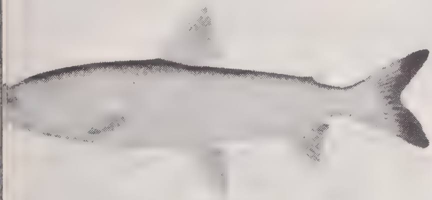
TUNA,BLUEFIN
RANGE - CALIFORNIA,NEW JERSEY TO
MAINE
GEAR - PURSE SEINES,LAMPARA NETS
TROLL LINES,POUND NETS,
HARPOONS



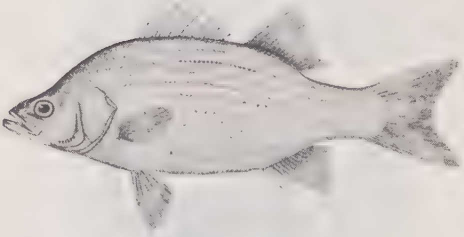
TUNA,LITTLE
RANGE - MASSACHUSETTS TO TEXAS
GEAR - POUND NETS, TROLL LINES
OTTER TRAWLS



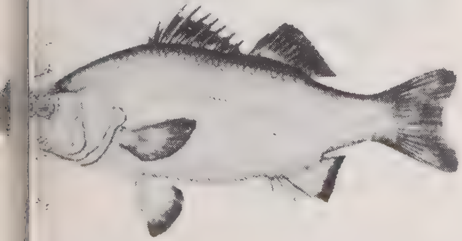
TUNA,SKIPJACK
RANGE - CALIFORNIA
GEAR - LINES,PURSE SEINES



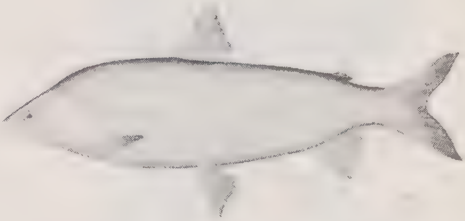
WHITEFISH, MENOMINEE
RANGE - ALASKA, UPPER GREAT
LAKES. TO NEW ENGLAND,
IN LAKES
GEAR - GILL NETS, HAUL SEINES,
TRAP NETS, POUND NETS



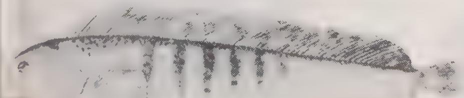
WHITE BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKES,
HAUL SEINES, POUND NETS



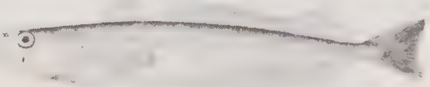
WHITE PERCH
RANGE - NORTH CAROLINA TO MAINE
GEAR - POUND NETS, FYKE NETS, HAUL
SEINES



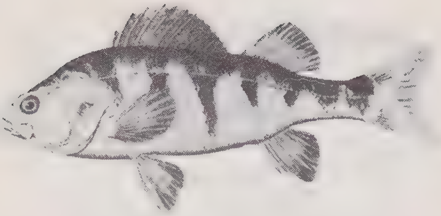
WHITEFISH, COMMON
RANGE - GREAT LAKES
GEAR - GILL NETS, POUND NETS, TRAP
NETS



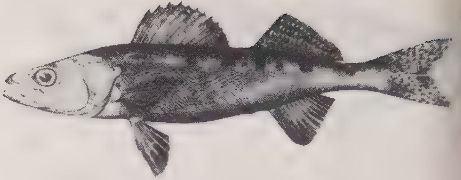
WOLFFISH
RANGE - MASSACHUSETTS AND MAINE
GEAR - OTTER TRAWLS, LINES TRAWLS



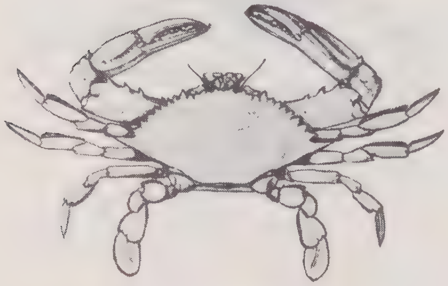
WHITING
RANGE - VIRGINIA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS



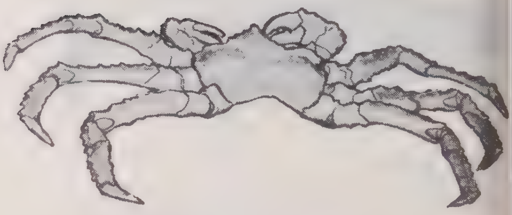
YELLOW PERCH
RANGE - GREAT LAKES, OTHER LAKES
GEAR - GILL NETS, TRAP NETS, POUND
NETS, FYKE NETS



YELLOW PIKE
RANGE - GREAT LAKES
GEAR - POUND NETS, FYKE NETS, GILL
NETS, TRAP NETS



BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROT LINES, POTS, FYKE NETS,
DIP NETS, SCRAPES, DREDGES

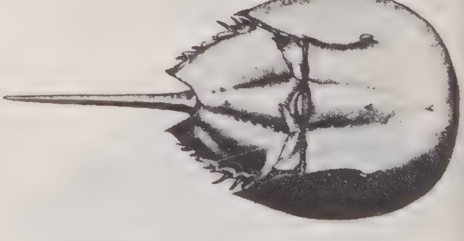


KING CRAB
RANGE - ALASKA
GEAR - TANGLE NETS, OTTER TRAWLS

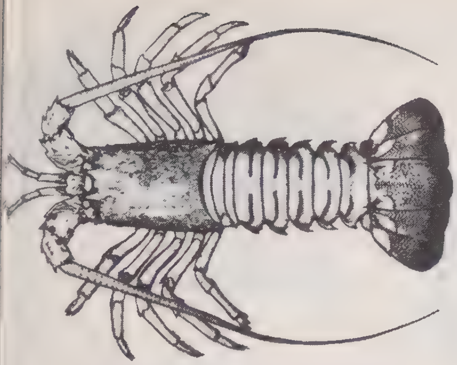
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND
ALASKA
GEAR - TRAPS

ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS

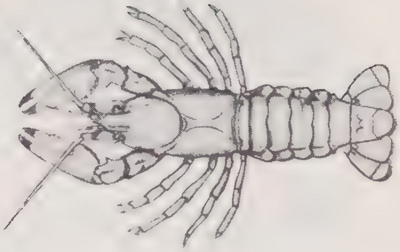
STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



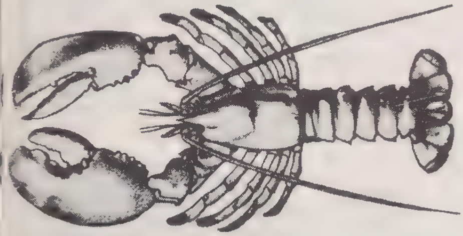
HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS. WEIRS, BY HAND



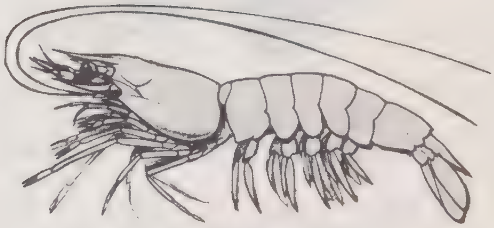
SEA CRAWFISH OR SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS



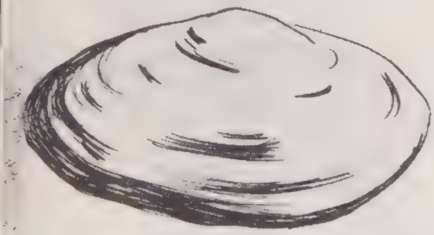
FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - CRAWFISH (POTS)



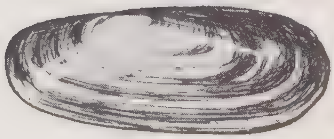
LOBSTER
RANGE - VIRGINIA TO MAINE
GEAR - POTS



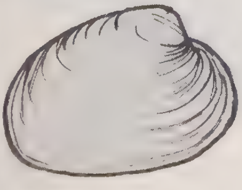
SHRIMP
RANGE - TEXAS TO NORTH CAROLINA,
MAINE, CALIFORNIA,
WASHINGTON, AND ALASKA
GEAR - SHRIMP TRAWLS



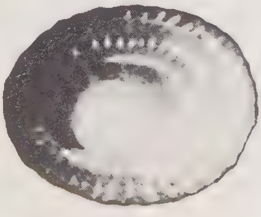
SOFT CLAM
RANGE - MIDDLE ATLANTIC TO
NEW ENGLAND, PACIFIC
COAST STATES
GEAR - FORKS, HOES, RAKES



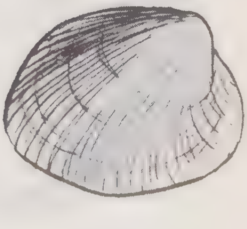
RAZOR CLAM, PACIFIC
RANGE - OREGON, WASHINGTON AND
ALASKA
GEAR - SHOVELS



ARD CLAM
ANGE - FLORIDA TO MAINE
EAR - HOES, DREDGES, TONGS, RAKES
HAND

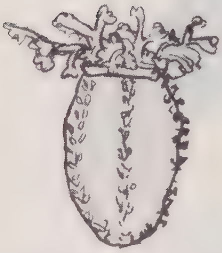


LIMPET
RANGE - NEW YORK AND NEW ENGLAND
GEAR - DREDGES

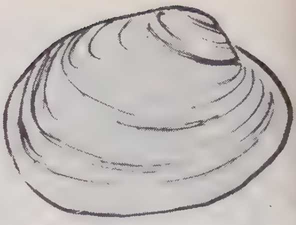


LITTLE-NECK CLAM
PANGE - PACIFIC COAST
GEAR - SHOVELS

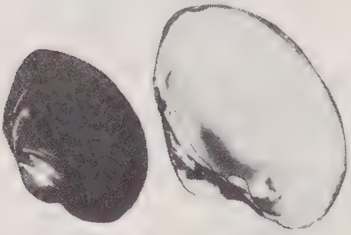
CONCH
RANGE - FLORIDA TO MAINE
GEAR - SPONGE HOOKS, OTTER TRAWLS,
DREDGES, POTS



TREPANG
RANGE - WASHINGTON
GEAR - BEAM TRAWLS

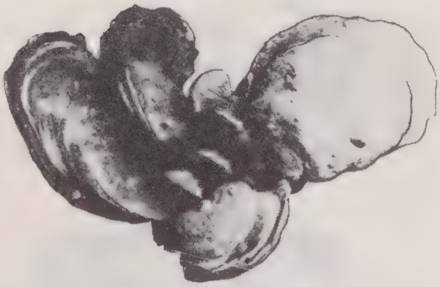


BUTTER CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



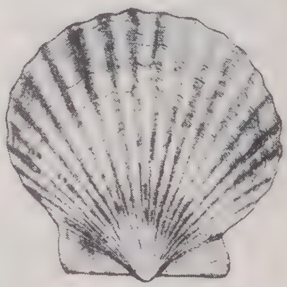
FRESH-WATER MUSSEL
RANGE - FRESH-WATER STREAMS
GEAR - CROWFOOT BARS, PICKS, HAND

OCEAN MUSSEL
RANGE - NORTH CAROLINA TO MAINE
GEAR - DREDGES, TONGS, RAKES, HAND

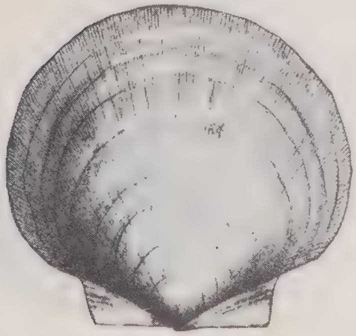


OYSTER
RANGE - TEXAS TO MASSACHUSETTS,
PACIFIC COAST STATES
GEAR - TONGS, DREDGES, RAKES, HAND

SQUID
RANGE - VIRGINIA TO MAINE,
CALIFORNIA AND
WASHINGTON
GEAR - LAMPARA NETS, GILL NETS
OTTER TRAWLS, POUND NETS

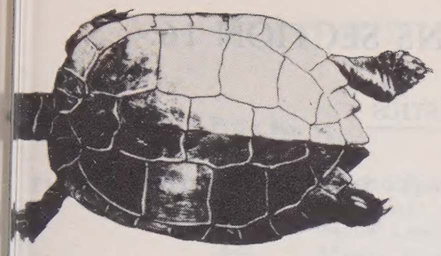


BAY SCALLOP
RANGE - FLORIDA TO MASSACHUSETTS,
WASHINGTON
GEAR - DREDGES, SCRAPES, PUSH NETS
TONGS, RAKES

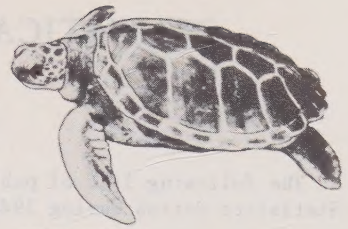


SEA SCALLOP
RANGE - NEW JERSEY TO MAINE
'EAR - DREDGES

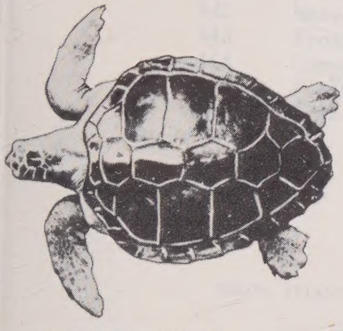
STARFISH
RANGE - ATLANTIC AND PACIFIC COASTS
GEAR - HOOKS, SCRAPES, "MOPS"



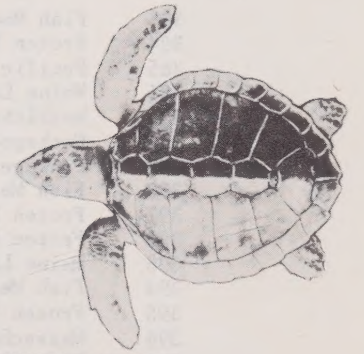
TERRAPIN
RANGE - TEXAS TO NEW JERSEY
GEAR - HAUL SEINES, HAND



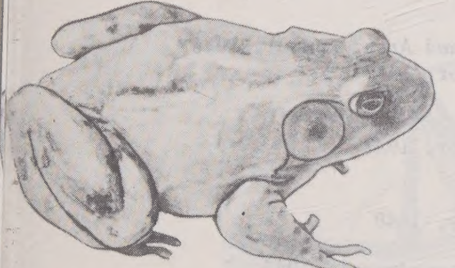
GREEN TURTLE
RANGE - FLORIDA
GEAR - GILL NETS, TANGLE NETS



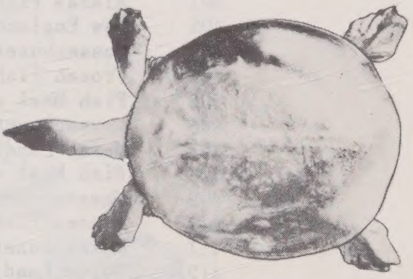
LOGGERHEAD TURTLE
RANGE - FLORIDA TO NEW JERSEY
GEAR - GILL NETS



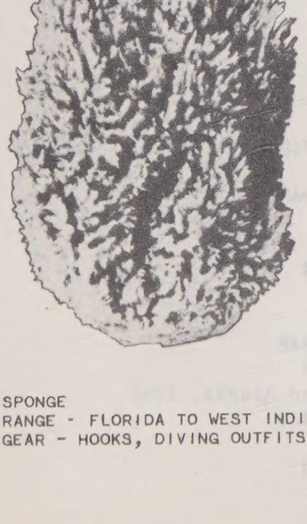
HAWKSBILL TURTLE
RANGE - GULF OF MEXICO AND ATLANTIC
COAST TO NEW YORK
GEAR - HAND, TANGLE NETS, POUND NETS



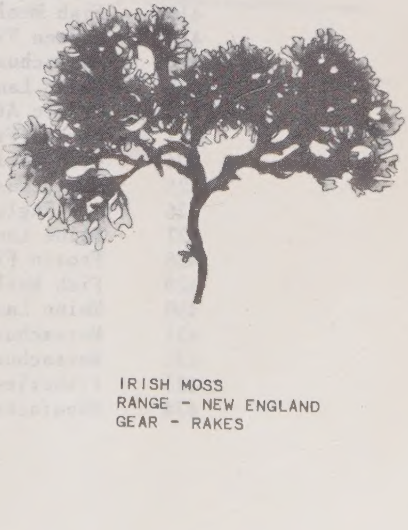
FROG
RANGE - FRESH-WATER, MARSHES, PONDS
GEAR - SPEARS, GRABS



SOFT-SHELL TURTLE
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, FYKE NETS,
POTS



SPONGE
RANGE - FLORIDA TO WEST INDIES
GEAR - HOOKS, DIVING OUTFITS



IRISH MOSS
RANGE - NEW ENGLAND
GEAR - RAKES

STATISTICAL PUBLICATIONS SECTION 16.-

CURRENT FISHERIES STATISTICS

The following list of publications includes all reports issued in the Current Fishery Statistics series during 1948.

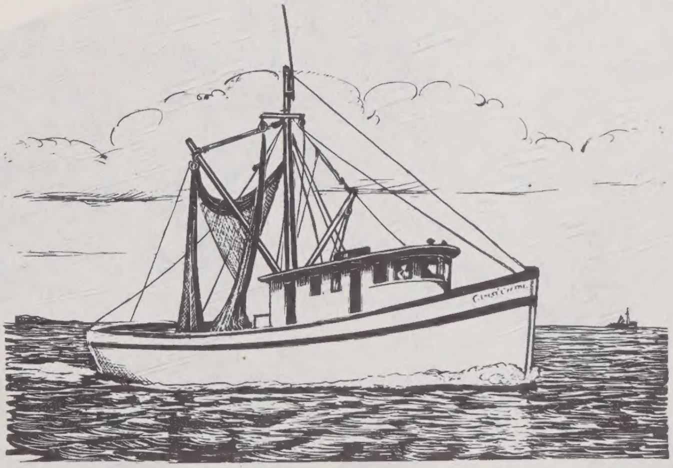
C.F.S. No.	Title
383	Fish Meal and Oil, November, 1947
384	Frozen Fish Report, January, 1948
385	Pacific Coast Fisheries, 1945
386	Maine Landings, November, 1947
387	Massachusetts Landings, September, 1947
388	Packaged Fish, Annual, 1945
389	Packaged Fish, Annual, 1946
390	Fish Meal and Oil, December, 1947
391	Frozen Fish Report, Annual, 1947
392	Frozen Fish Report, February, 1948
393	Maine Landings, December, 1947
394	Fish Meal and Oil, January, 1948
395	Frozen Fish Report, March, 1948
396	Massachusetts Landings, October, 1947
397	Fish Meal and Oil, February, 1948
398	Maine Landings, January, 1948
399	Frozen Fish Report, April, 1948
400	Maine Landings, February, 1948
401	Alaska Fisheries, 1947
402	New England Landings, By Gear and Area, Annual, 1946
403	Massachusetts Landings, November, 1947
404	Frozen Fish Report, May, 1948
405	Fish Meal and Oil, March, 1948
406	Massachusetts Landings, December, 1947
407	Maine Landings, March, 1948
408	Fish Meal and Oil, April, 1948
409	Massachusetts Landings, January, 1948
410	Frozen Fish Report, June, 1948
411	Massachusetts Landings, By Ports, Annual, 1947
412	Maine Landings, April, 1948
413	Lake Fisheries, 1946
414	Fish Meal and Oil, May, 1948
415	Frozen Fish Report, July, 1948
416	Maine Landings, May, 1948
417	Chesapeake Fisheries, 1945
418	Fish Meal and Oil, June, 1948
419	Frozen Fish Report, August, 1948
420	Massachusetts Landings, February, 1948
421	Maine Landings, June, 1948
422	Middle Atlantic Fisheries, 1945
423	Frozen Fish Report, September, 1948
424	Fish Meal and Oil, July, 1948
425	Massachusetts Landings, March, 1948
426	New England Fisheries, 1945
427	Maine Landings, July, 1948
428	Frozen Fish Report, October, 1948
429	Fish Meal and Oil, August, 1948
430	Maine Landings, August, 1948
431	Massachusetts Landings, April, 1948
432	Massachusetts Landings, May, 1948
433	Fisheries of the United States and Alaska, 1945
434	Manufactured Fishery Products, 1945

(Continued on next page)

STATISTICAL PUBLICATIONS

C.F.S. No.	Title
435	Frozen Fish Report, November, 1948
436	Fish Meal and Oil, September, 1948
437	Maine Landings, Annual, 1947
438	Alaska Fisheries, Annual, 1947
439	Packaged Fish, Annual, 1947
440	Massachusetts Landings, June, 1948
441	Maine Landings, September, 1948
442	Massachusetts Landings, July, 1948
443	Frozen Fish Report, December, 1948
444	Canned Fish and Byproducts, Annual, 1947
445	Fish Meal and Oil, October, 1948
446	Fish Meal and Oil, November, 1948

SOUTH ATLANTIC AND GULF SHRIMP TRAWLER



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